



Blu-ray™ Disc Player

user manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/register

ENGLISH

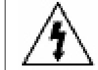
Safety Information

Warning

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.



This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.



This symbol indicates that important literature concerning operation and maintenance has been included with this product.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not place this apparatus in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
  - Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
  - Do not place vessels (vases etc.) containing water on this apparatus. A water spill can cause a fire or electric shock.
- Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or pool, etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately.
- This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords or adaptors beyond their capacity, since this can result in fire or electric shock.
- Route power-supply cords so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at the plug end, at wall outlets, and the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply.
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug by pulling on the power cord. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.
- Maintenance of Cabinet.
  - Before connecting other components to this product, be sure to turn them off.
  - If you move your product suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the product, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.
- Be sure to pull the power plug out of the outlet if the product is to remain unused or if you are leaving the house for an extended period of time (especially when children, elderly, or disabled people will be left alone in the house).
  - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or the insulation to deteriorate.
- Contact an authorized service center for information if you intend to install your product in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failing to do so may lead to serious damage of your product.
- Use only a properly grounded plug and wall outlet.
  - An improper ground may cause electric shock or equipment damage. (Class l Equipment only.)
- To turn this apparatus off completely, you must disconnect it from the wall outlet. Consequently, the wall outlet and power plug must be readily accessible at all times.
- Do not allow children to hang on the product.
- Store the accessories (battery, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky self, a slanted floor, or a location exposed to vibration.
- Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a service center.
- To clean this apparatus, unplug the power cord from the wall outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air fresheners, lubricants, or detergent. These chemicals can damage the appearance of the product or erase the printing on the product.
- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- Do not dispose of batteries in a fire.
- Do not plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
- There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.
- WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.



- WARNING - This product contains chemicals known to the State of California to cause cancer and reproductive toxicity.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION :

- THIS PRODUCT USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE PRODUCT CORRECTLY AS INSTRUCTED.
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

  This product satisfies CE regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

✎ **NOTES**

- If the Region number of a Blu-ray Disc/DVDs does not correspond to the Region number of this product, the product cannot play the disc.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a molded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug.
If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.

To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

The product unit accompanying this user manual is licenced under certain intellectual property rights of certain third parties.

Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Using the 3D function

IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D PICTURES.
Read and understand the following safety information before using the 3D function.

- Some viewers may experience discomfort while viewing 3D TV such as dizziness, nausea, and headaches.
  If you experience any such symptom, stop viewing 3D TV, remove the 3D Active Glasses, and rest.
- Watching 3D images for an extended period of time may cause eye strain. If you feel eye strain, stop viewing 3D TV, remove your 3D Active Glasses, and rest.
- A responsible adult should frequently check on children who are using the 3D function. If there are any reports of tired eyes, headaches, dizziness, or nausea, have the child stop viewing 3D TV and rest.
- Do not use the 3D Active Glasses for other purposes (Such as general eyeglasses, sunglasses, protective goggles, etc.).
- Do not use the 3D function or 3D Active Glasses while walking or moving around. Using the 3D function or 3D Active Glasses while moving around may cause you to bump into objects, trip, and/or fall, and cause serious injury.
- If you want to enjoy 3D content, connect a 3D device (3D compliant AV receiver or TV) to the player's HDMI OUT port using a high-speed HDMI cable. Put on 3D glasses before playing the 3D content.
- The player outputs 3D signals only through HDMI cable connected to the HDMI OUT port.
- As the video resolution in 3D play mode is fixed according to the resolution of the original 3D video, you can not change the resolution to your preference.
- Some functions such as BD Wise, screen size adjustment, and resolution adjustment may not operate properly in 3D play mode.
- You must use a high-speed HDMI cable for proper output of the 3D signal.
- Stay at least three times the width of the screen from the TV when watching 3D images. For example, if you have a 46-inch screen, stay 138 inches (11.5 feet) from the screen.
- Place the 3D video screen at eye level for the best 3D picture.
- When the player is connected to some 3D devices, the 3D effect may not function properly.
- This player does not convert 2D content into 3D.
- "Blu-ray 3D" and "Blu-ray 3D" logo are trademarks of the Blu-ray Disc Association.

Contents

Getting Started

Before using the User Manual

Disc Types and Contents your player can play

Media	Disc Type	Details
VIDEO	Blu-ray Disc 3D Blu-ray Disc	BD-ROM or BD-RE/-R recorded in the BD-RE format.
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO, recorded DVD+RW/DVD-RW(V)/DVD-R/+R that have been recorded and finalized, or a USB storage media containing DivX, MKV or MP4 contents.
MUSIC	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Music recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing MP3 or WMA contents.
PHOTO	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Photos recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing JPEG contents.

✎ **NOTES**

- The player may not play certain CD-RW/-R and DVD-R because of the disc type or recording conditions.
- If a DVD-RW/-R has not been recorded properly in DVD video format, it will not be playable.
- Your player will not play content that has been recorded on a DVD-R at a bit-rate that exceeds 10 Mbps.
- Your player will not play content that has been recorded on a BD-R or USB device at a bit rate that exceeds 25 Mbps.
- Playback may not work for some types of discs, or when you use specific functions, such as angle change and aspect ratio adjustment. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- When you play a BD-J title, loading may take longer than a normal title or some functions may perform slowly.

Disc types your player cannot play

- HD DVD
- DVD-ROM/PD/MV, etc
- DVD-RAM
- Super Audio CD (except CD layer)
- DVD-RW (VR mode)
- CVD/CD-ROM/CDV/CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- 3.9 GB DVD-R for Authoring.

Region Code

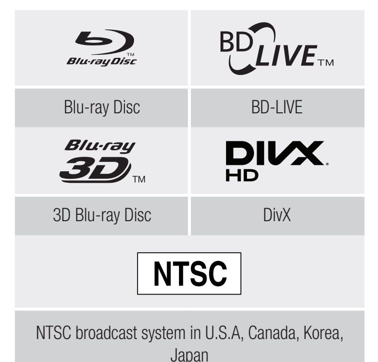
Both players and discs are coded by region.

These regional codes must match for a disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is displayed on the rear panel of the player.

Disc Type	Region Code	Area
Blu-ray Disc	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
	B	Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
	C	India, China, Russia, Central and South Asia.
DVD-VIDEO	1	The U.S., U.S. territories and Canada
	2	Europe, Japan, the Middle East, Egypt, Africa, Greenland
	3	Taiwan, Korea, the Philippines, Indonesia, Hong Kong
	4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
	5	Russia, Eastern Europe, India, North Korea, Mongolia
	6	China

Logos of Discs the player can play



Supported File Formats

Notes on the USB connection

- Your player supports USB storage media, MP3 players, digital cameras, and USB card readers.
- The player does not support folder or file names longer than 128 characters.
- Some USB/External HDD/digital camera devices may not be compatible with the player.
- Your player supports the FAT16, FAT32, and NTFS file systems.
- Connect USB devices directly to the player's USB port. Connecting through a USB cable may cause compatibility problems.
- Inserting more than one memory device into a multi-card reader may cause the reader to operate improperly.
- The player does not support the PTP protocol.

- Do not disconnect a USB device during a "loading" process.
- The bigger the image resolution, the longer the image takes to display.
- This player cannot play MP3 files with DRM (Digital Rights Management) downloaded from commercial sites.
- Your player only supports video with a frame rate under 30fps (frames per second).
- Your player only supports USB Mass Storage Class (MSC) devices such as thumb drives and USB HDD. (HUB is not supported.)
- Certain USB HDD Devices, multi-card readers and thumb drives may not be compatible with this player.
- If some USB devices require excessive power, they may be limited by the circuit safety device.
- If playback from a USB HDD is unstable, provide additional power by plugging the HDD into a wall socket.
  If the problem continues, contact the USB HDD manufacturer.
- SAMSUNG is not responsible for any data file damage or data loss.
- Your player does not support NTFS compressed files, sparse files, or encrypted files.
- You can repair or format a USB device on your Desktop PC. (MS-Windows OS only)

Video File Support

File Extension	Container	Video Codec	Audio Codec	Resolution
*.avi	AVI	DivX 3.11/4/5/6	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	MPEG	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080
*.rmvb	RMVB	RV8/9/10 (RV30/40)	RealAudio 6	1920x1080

- **Limitations**
  - Even when a file is encoded by a supported codec listed above, the file might not be played if its content has a problem.
  - Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
  - Files having a higher Bit rate/frame rate than standard may stutter during sound/video playback.
  - The Seek (skip) function is not available if the file's index table is damaged.
  - Depending on your country, RMVB format may not be supported.

- **Video decoder**
  - Supports up to H.264 Level 4.1 and AVCHD
  - Does not support H.264 FMO/ASO/RS and VC1 SP/MP/AP L4
  - MPEG4 SP, ASP :
    Below 1280 x 720 : 60 frames max
    Above 1280 x 720 : 30 frames max
  - Does not support GMC 2 or higher

- **Audio decoder**
  - Supports WMA 7, 8, 9 and STD
  - Does not support WMA sampling rate of 22050Hz mono.
  - AAC: Max sampling rate: 96Khz (8, 11, 12, 16, 22,24, 32,44.1, 48, 64, 88.2, 96)
    Max bit rate: 320kbps

■ Supported DivX subtitle file formats

*.ttxt, *.smi, *.srt, *.sub, *.txt

✎ **NOTES**

- Playback of some DivX, MKV or MP4 file may not be supported depending on their video resolution and frame rate.

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit-rates from 5kbps to 355kbps

Picture File Support

File Extension	Type	Resolution
*.jpg *.jpeg *.jpe	JPEG	15360x8640
*.png	PNG	15360x8640

AVCHD (Advanced Video Codec High Definition)

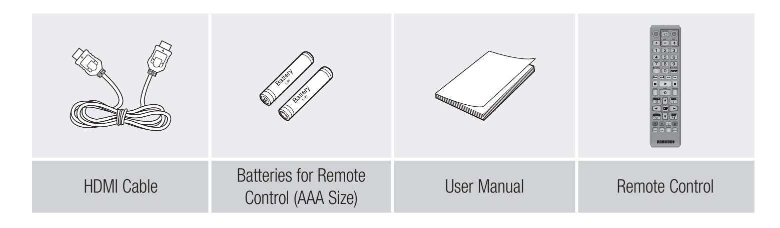
- This player can play back AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format compresses images with greater efficiency than the conventional image compressing format.
- Some AVCHD discs use the "x.v.Color" format. This player can play back AVCHD discs that use "x.v.Color" format.
- "x.v.Color" is a trademark of Sony Corporation.
- "AVCHD" and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co., Ltd. and Sony Corporation.

✎ **NOTES**

- Some AVCHD format discs may not play, depending on the recording condition.
  AVCHD format discs need to be finalized.
- "x.v.Color" offers a wider colour range than normal DVD camcorder discs.

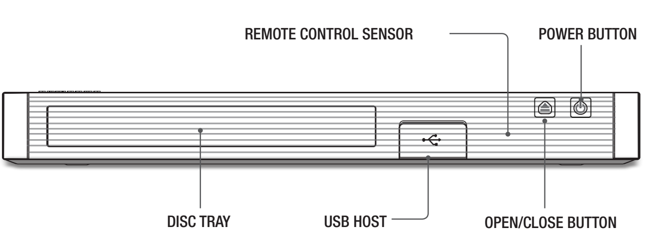
Accessories

Check for the supplied accessories shown below.



HDMI Cable	Batteries for Remote Control (AAA Size)	User Manual	Remote Control

Front Panel

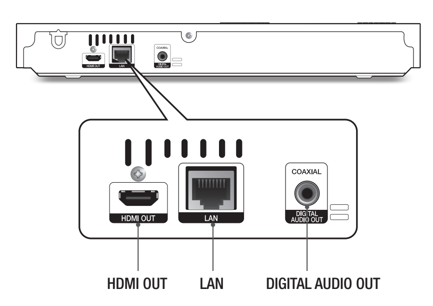




NOTES

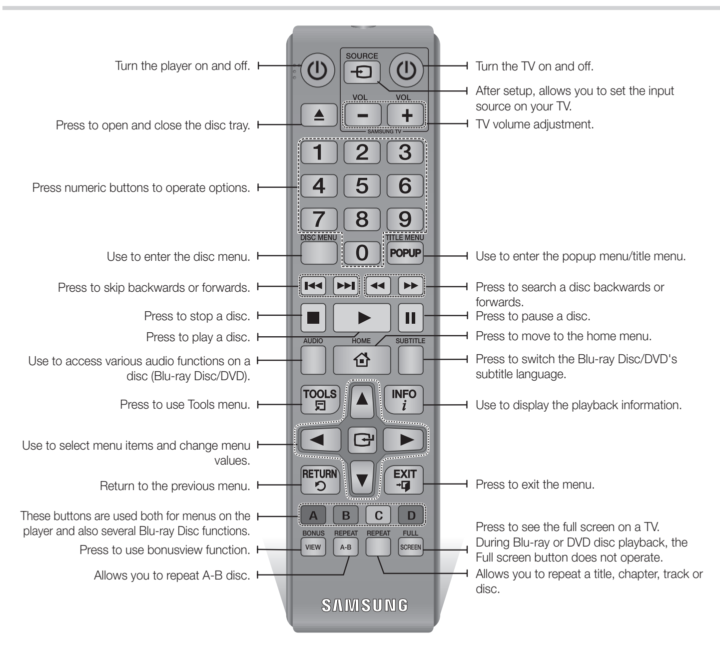
- You can perform software upgrades using the USB Host jack with a USB flash memory stick only.
- Please open and pull out the USB cover before inserting USB device.

Rear Panel

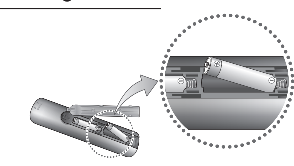


Remote Control

Tour of the Remote Control



Installing batteries



✎ NOTES

- If the remote does not operate properly:
  - Check the polarity (+/–) of the batteries.
  - Check if the batteries are drained.
  - Check if the remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

! CAUTION

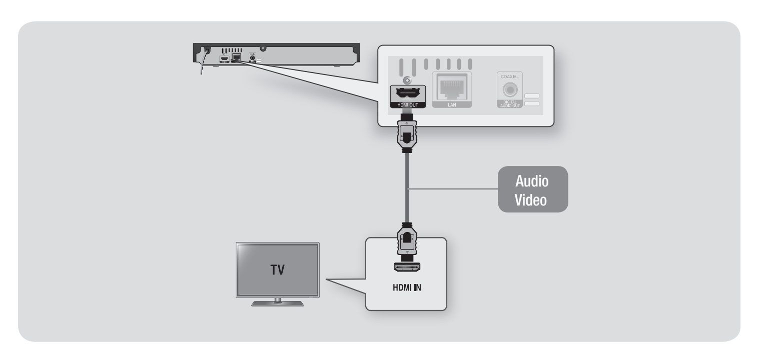
- Dispose of batteries according to local environmental regulations. Do not put them in the household trash
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble or overheat the batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Connections

Connecting to a TV

Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your TV.

- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.



✎ NOTES

- If you use an HDMI-to-DVI cable to connect to your display device, you must also connect the Digital Audio Out on the player to an audio system to hear audio.
- An HDMI cable outputs digital video and audio, so you don't need to connect an audio cable.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the player to your TV using the HDMI cable or to a new TV, and then turn it on for the first time, the player automatically sets the HDMI output resolution to the highest supported by the TV.
- A long HDMI cable may cause screen noise. If this occurs, set HDMI Deep Colour to Off in the menu.
- To view video in the HDMI 720p, 1080i, or 1080p output mode, you must use a High speed HDMI cable.
- HDMI outputs only a pure digital signal to the TV.
  If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

Connecting to an Audio System

You can connect the Blu-ray player to an audio system using one of the methods illustrated below.

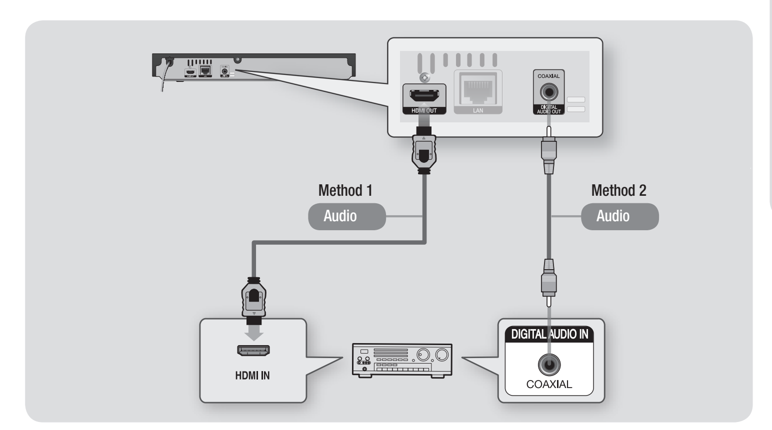
- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.

Method 1 Connecting to an HDMI compatible AV receiver

- Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your receiver.
- Best quality (Recommended)

Method 2 Connecting to an AV receiver with a Digital Coaxial Cable

- Using a digital Coaxial cable (Not supplied), connect the Coaxial Digital Audio Out jack on the product to the Digital Coaxial In jack of the receiver.
- Good quality
- You will hear sound only through the front two speakers with Digital Output set to PCM.



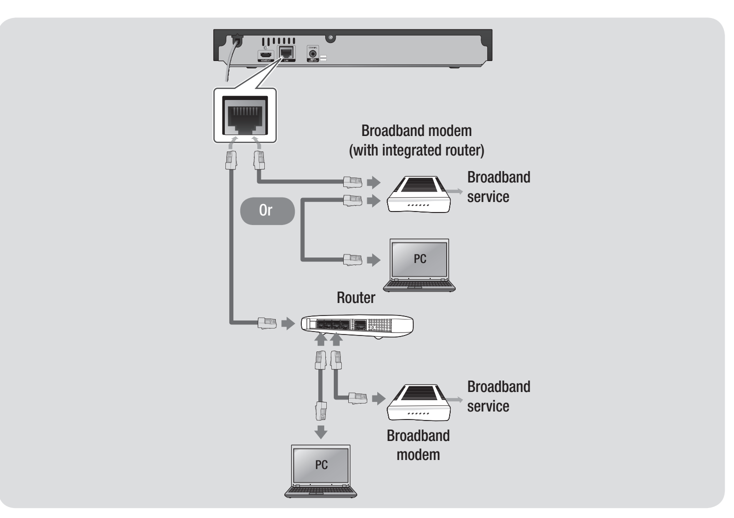
Connecting to a Network Router

You can connect your player to your network router using one of the methods illustrated below.

To use the DLNA network functionality, you must connect your PC to your network as shown in the illustrations.

The connection can be wired or wireless.

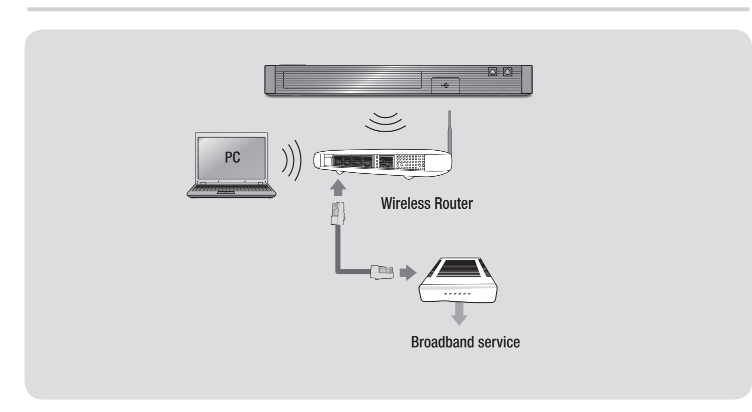
Wired Network



✎ NOTES

- Internet access to Samsung's software update server may not be allowed, depending on the router you use or your ISP's policy. For more information, contact your ISP (Internet Service Provider).
- DSL users, please use a router to make a network connection.

Wireless Network



✎ NOTES

- If your wireless router supports DHCP, this player can use a DHCP or static IP address to connect to the wireless network.
- Set your wireless router to Infrastructure mode. Ad-hoc mode is not supported.
- The player supports only the following wireless security key protocols:
  - WEP (OPEN/SHARED), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
- Select a channel on the wireless router that is not currently being used. If the channel set for the wireless router is currently being used by another device nearby, it will result in interference and communication failure.
- If you select the Pure High-throughput (Greenfield) 802.11n mode and set the Encryption type on your router to WEP, TKIP or TKIP-AES (WPS2Mixed), the player will not support a connection in compliance with new Wi-Fi certification specifications.
- Wireless LAN, by its nature, may cause interference, depending on the operating conditions (router performance, distance, obstacles, interference by other radio devices, etc).

Settings

The Setup Procedure

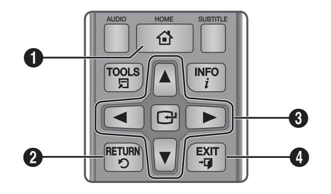
- The Home screen will not appear if you do not configure the setup.
- The OSD (On Screen Display) may change in this player after you upgrade the software version.
- The access steps may differ depending on the menu you selected.
- After the setup process is complete, the panel buttons and remote control can be operated.

After you have connected the player to your TV, turn on the TV and player. When you turn on the player the first time, the player's Setup screen appears on the TV. The Setup procedure lets you set the On Screen Display (OSD) and menu languages, the aspect ratio (screen size), the network type, and connect the player to your network.

✎ NOTES

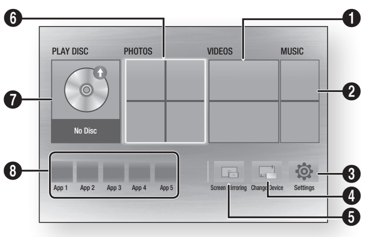
- The Home menu will not appear if you do not configure the setup except as noted below.
- If you press the **BLUE (D)** button during network setup, you can access the Home menu even if the network setup is not completed yet.
- When you return to the Home menu, the full screen mode is cancelled automatically.
- If you want to display the Setup screen again to make changes, press the ⏏ button on the front panel of the player for more than 5 seconds with no disc inserted. This resets the player to its default settings.
- After the setup process is complete. you can operate the HDMI-CEC function.
- If you want to use the Anynet+(HDMI-CEC) function to aid in the initial set up process, please follow the instructions below.
  1) Connect the player to an Anynet+(HDMI-CEC) compliant Samsung TV using HDMI Cable.
  2) Set the Anynet+(HDMI-CEC) feature to On in both the TV and the player.
  3) Set the TV to the Setup Procedure.
- If you leave the player in the stop mode for more than 5 minutes without using it, a screen saver will appear on your TV. If the player is left in the screen saver mode for more than 25 minutes, the power will automatically turn off.

Menu Navigation



❶	**HOME** Button : Press to move to the Home menu.
❷	**RETURN** Button : Return to the previous menu.
❸	**(Enter) / DIRECTION** Button : Move the cursor or select an item. Activate the currently selected item. Confirm a setting.
❹	**EXIT** Button : Press to exit the current menu.

- **Home Menu**



1	Selects VIDEOS.
2	Selects MUSIC.
3	Selects Settings.
4	Selects Change Device.
5	Selects Screen Mirroring.
6	Selects PHOTOS.
7	Selects PLAY DISC.
8	Selects applications.

✎ NOTES

- The Videos, Photos, and Music options require that you have an appropriate disc inserted into the player or a USB flash device attached to the player.

Accessing the Settings Menu

To access the Settings menu and sub-menus, follow these steps:

1. Press the **POWER** button.
   The Home Menu appears.
2. Press the ▲▼◄► buttons to select **Settings**, and then press the button.
3. Press the ▲▼ buttons to select the desired submenu, and then press the button.
4. Press the ▲▼ buttons to select the desired item, and then press the button.
5. Press the **EXIT** button to exit the menu.

✎ NOTES

- The access steps may differ depending on the menu you selected. The OSD (On Screen Display) may change in this player after you upgrade the software version.

Picture Settings

You can configure various display options such as the TV Aspect Ratio, Resolution, etc.

3D Settings

Select whether to play a Blu-ray Disc with 3D contents in 3D Mode.

✎ NOTES

- For some 3D discs, to stop a movie during 3D playback, press the button once.
  The movie stops and the 3D mode option is de-activated.
  To change a 3D option selection when you are playing a 3D movie, press the button once. The Blu-ray menu appears. Press the button again, then select 3D Settings in the Blu-ray menu.
- Depending on the content and the position of the picture on your TV screen, you may see vertical black bars on the left side, right side, or both sides.

TV Aspect Ratio

Depending on the type of television you have, you may want to adjust the screen size setting.

✎ NOTES

- Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio and option which is different than the aspect ratio of your TV screen, the picture might appear to be distorted.

BD Wise (Samsung TVs only)

BD Wise is Samsung's latest inter-connectivity feature.
When you connect a Samsung player and a Samsung TV with BD Wise to each other via HDMI, and BD Wise is on in both the player and TV, the player outputs video at the video resolution and frame rate of the Blu-ray Disc/DVDs.

✎ NOTES

- When BD Wise is on, the Resolution setting automatically defaults to BD Wise and BD Wise appears in the Resolution menu.
- If the player is connected to a device that does not support BD Wise, you cannot use the BD Wise function.
- For proper operation of BD Wise, set the BD Wise menu of both the player and the TV to **On**.

Resolution

Lets you set the output resolution of the HDMI video signal to Auto, 1080p, 1080i, 720p or 480p. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher the quality.

Resolution according to the output mode

- **Blu-ray Disc/E-contents/Digital Contents playback**

Output / Setup	HDMI / connected	
	HDMI Mode	
	Blu-ray Disc	E-contents/ Digital contents
BD Wise	Resolution of Blu-ray Disc	1080p
Auto	Max. Resolution of TV input	Max. Resolution of TV input
1080p@60F (Movie Frame : Off)	1080p@60F	1080p@60F
Movie Frame : Auto (24 fps)	1080p@24F	1080p@24F
1080i	1080i	1080i
720p	720p	720p
480p	480p	480p

- **DVD playback**

Output / Setup	HDMI / connected
	HDMI Mode
BD Wise	480i
Auto	Max. Resolution of TV input
1080p	1080p
1080i	1080i
720p	720p
480p	480p

✎ NOTES

- If the TV you connected to the player does not support Movie Frame or the resolution you selected, the message "If no pictures are shown after selecting 'Yes', please wait for 15 seconds to return to the previous resolution." appears. If you select **Yes**, the TV's screen will go blank for 15 seconds, and then the resolution will revert to the previous resolution automatically.
- If the screen stays blank after you have changed the resolution, remove all discs, and then press and hold the ⏏ button on the front of the player for more than 5 seconds. All settings are restored to the factory default. Follow the steps on the previous page to access each mode and select the Display Setup that your TV will support.
- When the factory default settings are restored, all stored user BD data is deleted.
- The Blu-ray Disc must have the 24 frame feature for the player to use the Movie Frame (24 fps) mode.

Movie Frame (24 fps)

Setting the Movie Frame (24 fps) feature to Auto allows you to adjust the player's HDMI output to 24 frames per second for improved picture quality.
You can enjoy the Movie Frame (24 fps) feature only on a TV supporting this frame rate. You can select Movie Frame only when the player is in the HDMI 1080p output resolution modes.

HDMI Colour Format

Lets you set the colour space format for HDMI output to match the capabilities of the connected device (TV, monitor, etc).

HDMI Deep Colour

Lets you output video from the HDMI OUT jack with Deep Colour. Deep Colour provides more accurate colour reproduction with greater colour depth.

Progressive Mode

Lets you improve picture quality when viewing DVDs.

Sound Settings

Digital Output

Lets you select the digital audio output format that is suitable for your TV or AV Receiver. For more details, please refer to the Digital Output Selection table.

Digital Output Selection

Setup		PCM		Bitstream (Unprocessed)		Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI Receiver	Coaxial	HDMI Receiver	Coaxial	HDMI Receiver or Coaxial	HDMI supported AV receiver or Coaxial
Audio Stream on Blu-ray Disc	PCM	Up to 7.1ch	PCM 2ch	PCM	PCM 2ch	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital Plus	PCM 2ch	PCM 2ch	Dolby Digital Plus	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby TrueHD	PCM 2ch	PCM 2ch	Dolby TrueHD	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD High Resolution Audio	PCM 2ch	PCM 2ch	DTS-HD High Resolution Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD Master Audio	PCM 2ch	PCM 2ch	DTS-HD Master Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	DTS	DTS
Definition for Blu-ray Disc	Any	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects.		Outputs only main feature audio stream so that your AV receiver can decode the audio bitstream. You will not hear BONUSVIEW audio and Navigation Sound Effects.		Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into DTS bitstream	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into Dolby Digital bitstream

* If Source Stream is 2ch, "Re-encoded Dolby D" Settings are not applied.

Blu-ray Discs may include three audio streams :

- Main Feature Audio : The audio soundtrack of the main feature.
- BONUSVIEW audio : An additional soundtrack such as the director or actor's commentary.
- Navigation Sound Effects : When you choose a menu navigation selection, a Navigation Sound Effect may sound. Navigation Sound Effects are different on each Blu-ray Disc.

✎ NOTES

- Be sure to select the correct Digital Output or you will hear no sound or just loud noise.
- If the HDMI device (AV receiver, TV) is not compatible with compressed formats (Dolby Digital, DTS), the audio signal outputs as PCM.
- Regular DVDs do not have BONUSVIEW audio and Navigation Sound Effects.
- Some Blu-ray Discs do not have BONUSVIEW audio and Navigation Sound Effects.
- If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of your Digital Output selections (PCM or Bitstream).
- If your TV is not compatible with compressed multi-channel formats (Dolby Digital, DTS), the player may output PCM 2ch downmixed audio even though you selected Bitstream (either Re-encoded or Unprocessed) in the setup menu.
- If your TV is not compatible with PCM sampling rates over 48kHz, the player may output 48kHz downsampled PCM audio even though you set PCM Downsampling to **Off**.

PCM Downsampling

Lets you choose to have 96KHz PCM signals downsampled to 48KHz before they are outputted to an amplifier. Choose **On** if your amplifier or receiver is not compatible with a 96KHz signal.

Dynamic Range Control

Lets you apply dynamic range control to Dolby Digital, Dolby Digital Plus, and Dolby TrueHD audio.

- **Auto** : Automatically controls the dynamic range of Dolby TrueHD audio, based on information in the Dolby TrueHD soundtrack.
  Also turns dynamic range control on for Dolby Digital and Dolby Digital Plus.
- **Off** : Leaves the dynamic range uncompressed, letting you hear the original sound.
- **On** : Turns dynamic range control on for all three Dolby formats. Quieter sounds are made louder and the volume of loud sounds is reduced.

Downmixing Mode

Lets you select the multi-channel downmix method that is compatible with your stereo system. You can choose to have the player downmix to normal stereo or to surround compatible stereo.

Network Settings

To begin setting up the network connection for your player, follow these steps:

1. In the Home menu, press the ▲▼◄► buttons to select **Settings**, and then press the ⏎ button.
2. Press the ▲▼ buttons to select **Network**, and then press the ⏎ button.
3. Press the ▲▼ buttons to select **Network Settings**, and then press the ⏎ button.
4. Press the ▲▼ buttons to select **Network Type**, and then press the ⏎ button.
5. Press the ▲▼ buttons to select **Wired** or **Wireless**, and then press the ⏎ button.
6. Go to the next section.

Configuring Your Network Connection

Before you begin, contact your ISP to find out if your IP address is static or dynamic. If it is dynamic, and you have a wired or wireless network, we recommend using the Automatic configuration procedures described below.

If you are connecting to a wired network, connect the player to your router using a LAN cable before you start the configuration procedure.
If you are connecting to a wireless network, disconnect any wired network connection before you begin.
To begin configuring your network connection, follow these steps:

Wired Network

❑ Wired - Automatic

1. In the Home screen, select **Settings**, and then press the ⏎ button.
2. Select **Network**, and then press the ⏎ button.
3. Select **Network Settings**, and then press the ⏎ button.
4. Select **Wired** in the Network Settings screen, and then press the ⏎ button.
5. Select **Connect** button, and then press the ⏎ button. The product detects the wired connection, verifies the network connection and then connects to the network.

❑ Wired - Manual

If you have a static IP address or the Automatic procedure does not work, you'll need to set the Network Settings values manually.

Follow Steps 1 and 2 in Wired - Automatic, and then follow these steps:

1. Select **Network Status**. The player searches for a network, and then displays the connection failed message.
2. On the bottom of the screen, select **IP Settings**, and then press the ⏎ button.
   The IP Settings screen appears.
3. Select the IP Setting field, and then press the ⏎ button.
4. Select **Enter manually** in the IP Setting field, and then press the ⏎ button.
5. Select a value to enter (**IP Address**, for example), and then press the ⏎ button.
   Use the number keypad on your remote control to enter the numbers for the value. Use the ◄► buttons on the remote control to move from entry field to entry field within a value. When done with one value, press the ⏎ button.
6. Press the ▲ or ▼ button to move to another value, and then enter the numbers for that value following the instructions in Step 5.
7. Repeat Steps 5 and 6 until you have filled in all values.

✎ **NOTES**

- You can get the Network values from your Internet provider.

8. When finished entering all the values, and then press the **RETURN** or **EXIT** buttons. The player verifies the network connection and then connects to the network.

Wireless Network

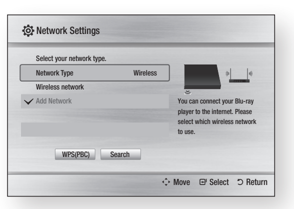
You can setup a wireless network connection in four ways:

- Wireless Automatic
- Wireless Manual
- WPS(PBC)
- WPS(PIN)

When you configure the wireless network connection, any wireless network devices currently connected through the player or, if applicable, the player's current wired connection, will be disconnected.

❑ Wireless - Automatic

1. In the Home screen, select **Settings**, and then press the ⏎ button.
2. Select **Network**, and then press the ⏎ button.
3. Select **Network Settings**, and then press the ⏎ button.
4. Select **Wireless** in the Network Settings screen, and then press the ⏎ button. The player searches for and then displays a list of the available networks.



5. Select the desired network, and then press the ⏎ button.
6. On the Security screen, enter your network's Security Code or Pass Phrase.
   Enter numbers directly using the number buttons on your remote control. Enter letters by selecting a letter with an arrow button, and then pressing ⏎ button.
7. When done, select **Done** and then press the ⏎ button. The player verifies the network connection and then connects to the network.
8. When verification is complete, select **OK**, and then press the ⏎ button.

✎ **NOTES**

- You should be able to find the Security Code or Pass Phrase on one of the set up screens you used to set up your router or modem.

❑ Wireless - Manual

If you have a static IP address or the Automatic procedure does not work, you'll need to set the Network Settings values manually.

1. Follow the directions in Wireless - Automatic through Step 5.
2. The player searches for a network, and then displays the connection failed message.
3. On the bottom of the screen, select **IP Settings**, and then press the ⏎ button.
   The IP Settings screen appears.
4. Select the IP Setting field, and then press the ⏎ button.
5. Select **Enter manually** in the IP Setting field, and then press the ⏎ button.
6. Select a value to enter (**IP Address**, for example), and then press ⏎ button. Use the number keypad on your remote control to enter the numbers for the value. Use the ◄► buttons on the remote control to move from entry field to entry field within a value. When done with one value, press the ⏎ button.
7. Press the ▲ or ▼ button to move to another value, and then enter the numbers for that value following the instructions in Step 6.
8. Repeat Steps 6 and 7 until you have filled in all values.

✎ **NOTES**

- You can get the Network values from your Internet provider.

9. When finished, and then press the **RETURN** or **EXIT** button. The Security Screen appears.
10. On the Security screen, enter your network's Security Code or Pass Phrase. Enter numbers directly using the number buttons on your remote control. Enter letters by selecting a letter with the ▲▼◄► buttons, and then pressing the ⏎ button.
11. When finished, select **Done** at the right of the screen, and then press the ⏎ button.
    The player verifies the network connection and then connects to the network.
12. After the player verifies the network, select **OK**, and then press the ⏎ button.

❑ WPS(PBC)

1. In the Home screen, select **Settings**, and then press the ⏎ button.
2. Select **Network**, and then press the ⏎ button.
3. Select **Network Settings**, and then press the ⏎ button.
4. Select **Wireless** in the Network Settings screen, and then press the ⏎ button.
5. Press the ▲▼ button on your remote, and then press the ◄► button to select the **WPS(PBC)**.
6. Press the ⏎ button on your remote. The "Press the PBC button" message appears.

7. Press the WPS(PBC) button on your router within two minutes. Your player automatically acquires all the network settings values it needs and connects to your network.
   The Network Status screen appears. The player connects to the network after the network connection is verified.

❑ **WPS(PIN)**

Before you begin, open the router's setup menu on your PC and access the screen with the WPS PIN entry field.

1. In the Home screen, select **Settings**, and then press the button.
2. Select **Network**, and then press the button.
3. Select **Network Settings**, and then press the button.
4. Select **Wireless** in the Network Settings screen, and then press the button. The player searches for and then displays a list of the available networks.
5. Select the desired network, and then press the ► button.
6. Select the **WPS(PIN)**, and then press the button. The PIN pop-up appears.
7. Enter the PIN into the WPS PIN entry field in the router's Set Up screen and then save the the screen.

✎ **NOTES**

- Contact the manufacturer of the router for instructions explaining how to access the route's Set Up screens or refer to the router's user's manual.
- For WPS connection, set your wireless router's security encryption to AES. Setting to WEP security encryption does not support WPS connection.

Network Test

Use this menu item to check whether your network connection is working or not.

Network Status

Use to check whether a connection to a network and the Internet has been established.

Wi-Fi Direct

The Wi-Fi Direct function allows you to connect Wi-Fi Direct devices to the player and each other using a peer-to-peer network, without a wireless router.

✎ **NOTES**

- Some Wi-Fi Direct devices may not support the DLNA function if connected via Wi-Fi Direct. If this is the case, it is advisable to change the network connection method between devices.
- Bluetooth transmissions can interfere with the Wi-Fi Direct signal. Before you use the Wi-Fi Direct function, we strongly recommend that you turn off the Bluetooth function of any active mobile device.

1. Turn on the Wi-Fi direct device and activate its Wi-Fi Direct function.
2. In the Home screen, select **Settings**, and then press the button.
3. Select **Network**, and then press the button.
4. Select **Wi-Fi Direct**, and then press the button.
   The Wi-Fi Direct devices that you can connect appear.
5. You have three ways to complete the Wi-Fi connection:
   - Through the Wi-Fi device.
   - Through the player using PBC.
   - Through the player using a PIN.

   Each is covered below.

Through the Wi-Fi Device

1. On the Wi-Fi device, follow the procedure on the device for connecting to another Wi-Fi Direct device. See the device's user manual for instructions.
2. When you have completed the procedure, you should see a pop-up on your TV screen saying that a device that supports Wi-Fi Direct has requested to connect. Select **OK**, and then press the button to accept.
3. The Connecting pop-up appears, followed by the Connected pop-up. When it closes, you should see the device listed on the Wi-Fi Direct screen as connected.

Through the Player Using PBC

1. Select the Wi-Fi Direct device you want to connect to this player, and then press the button. The PBC/PIN pop up appears.
2. Select **PBC**, and then press the button. The PBC pop-up appears.
3. Press the PBC button on the Wi-Fi Direct device within 2 minutes.
4. The Connecting pop-up appears, followed by the Connected pop-up. When it closes, you should see the device listed on the Wi-Fi Direct screen as connected.

Through the Player Using a PIN

1. Select the Wi-Fi Direct device you want to connect to this player, and then press the button. The PBC/PIN pop up appears.
2. Select **PIN**, and then press the button. The PIN pop-up appears.
3. Note the PIN code in the pop-up, and then enter it into the appropriate field in the Wi-Fi Direct device you want to connect.
4. The Connecting pop-up appears, followed by the Connected pop-up. When it closes, you should see the device listed on the Wi-Fi Direct screen as connected.

✎ NOTES

- The current wired or wireless network connection will be disconnected when you use the Wi-Fi Direct function.
- Text files, such as files with a .TXT or .DOC extension, will not display when you are using the Wi-Fi Direct function.

Screen Mirroring

The Screen Mirroring function lets you view the screen of your smart phone or android tablet on the TV you have connected to the Blu-ray player.

1. In the Home menu, press the ▲▼◄► buttons to select **Screen Mirroring,** and then press the [E] button. The Screen Mirroring pop-up appears.
2. Launch DLNA Cast on your device.
3. On your device, find the name of the Blu-ray player in the list of available devices and then select it.
4. The TV will display a PIN. Enter the PIN into your device.
5. The TV displays a connecting message (for example, Connecting to Android_92gb...) and then displays the connected message.
6. In a few moments, the screen of your device appears on the TV screen.
7. To stop Screen Mirroring, press the **EXIT** or **RETURN** button on the remote control, or disable Screen Mirroring function of your smart phone.

✎ NOTES

- You can connect to a device that supports DLNA Cast. Note that connecting to such a device may not be fully supported depending on the manufacturer. For further information on mobile connection support, refer to the manufacturer's web site.
- When you are using the Screen Mirroring function, video stuttering or audio dropouts may occur, depending on your environment.
- Bluetooth transmissions can interfere with the Screen Mirroring signal. Before using the Screen Mirroring function, we strongly recommend that you turn off the Bluetooth function on your smart phone or smart device (tablet, etc.).

Device Name

Device Name function allows you to change player's name by selecting from device name list.

BD-Live Internet Connection

Set to allow or prohibit an Internet connection when you use the BD-LIVE service.

- **Allow (All)** : The Internet connection is allowed for all BD-LIVE contents.
- **Allow (Valid Only)** : The Internet connection is allowed only for BD-LIVE contents containing a valid certificate.
- **Prohibit** : No Internet connection is allowed for any BD-LIVE content.

✎ NOTES

- **What is a valid certificate?**
  When the player uses BD-LIVE to send the disc data and a request to the server to certify the disc, the server uses the transmitted data to check if the disc is valid and sends the certificate back to the player.
- The Internet connection may be restricted while you are using BD-LIVE contents.

Using BD-LIVE™

Once the player is connected to the network, you can enjoy various movie-related service contents using a BD-LIVE compliant disc.

1. Attach a USB memory stick to the USB jack on the front of the player, and then check its remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Insert a Blu-ray Disc that supports BD-LIVE.
3. Select an item from various BD-LIVE service contents provided by the disc manufacturer.

✎ NOTES

- The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

The DLNA Function

DLNA lets you play music, video, and photo files located in your PC on the player.

To use DLNA with your player, you must connect the player to your network. (See page 13-16).
To use DLNA with your PC, you must install DLNA software on your PC.

System Settings

Setup

By using the Setup function, you can set the language, Network Settings, etc.
For more information about the Setup function, refer to the Setup section of this user manual (See page 10).

Quick Start

You can turn on the power quickly by decreasing the boot time.

✎ NOTES

- If this function is set to **On**, Standby power consumption will be increased.

Anynet+ (HDMI-CEC)

Anynet+ is a convenient function that offers linked operations with other Samsung players that have the Anynet+ feature.
To operate this function, connect this player to an Anynet+ Samsung TV with an HDMI cable.
With Anynet+ on, you can operate this player using a Samsung TV remote control and start disc playback simply by pressing the **PLAY** (▶) button on the TV's remote control.
For more information, please see the TV user manual.

✎ NOTES

- This function is not available if the HDMI cable does not support CEC.
- If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.
- Depending on your TV, certain HDMI output resolutions may not work.
  Please refer to the user manual of your TV.
- After the product was turned off, disconnecting and connecting the power cable turns it on automatically. At the moment, it automatically turns off in about 15 seconds for re-establishing Anynet+ connection.
- For some TV products, if connected to this product with Anynet+ function, turning the TV on may display a warning popup message saying no connection was found. Still, Anynet+ connection is properly established and available to use.

BD Data Management

Enables you to manage the downloaded contents you accessed through a Blu-ray disc that supports the BD-LIVE service and stored on a flash drive.

You can check the device's information including the storage size, delete the BD data, or change the Flash memory device.

✎ NOTES

- In the external memory mode, disc playback may be stopped if you disconnect the USB device in the middle of playback.
- Your player supports the FAT16, FAT32, and NTFS file systems. We recommend you use USB devices that support USB 2.0 protocol with 4 MB/sec or faster read/write speed.
- The Resume Play function may not work after you format the storage device.
- The total memory available to BD Data Management may differ, depending on the conditions.

DivX® Video On Demand

View DivX® VOD Registration Codes to purchase and play DivX® VOD contents.

Language Settings

You can select the language you prefer for the On-Screen menu, disc menu, audio, and subtitles.

✎ NOTES

- The selected language will only appear if it is supported on the disc.

Security Settings

The default security PIN is 0000. Enter the default PIN to access the security function if you haven't created your own PIN. After you have accessed the security function for the first time, change the PIN using the Change PIN function.

BD Parental Rating

Prevents playback of Blu-ray Discs with specific age ratings unless the 4 digit PIN is entered.

DVD Parental Rating

This function works in conjunction with DVDs that have been assigned an age rating or numeric rating that indicates the maturity level of the content. These numbers help you control the types of DVDs that your family can watch.

Select the rating level you want to set.
For example, if you select Level 6, discs rated above 6 - Level 7 and 8 - will not play.
A larger number indicates more mature content.

Change PIN

Change the 4-digit password used to access security functions.

If you forget your password

1. Remove any discs.
2. Press and hold the ⏏ button on the front panel for 5 seconds or more.
   All settings will revert to the factory settings.

✎ NOTES

- When the factory default settings are restored, all the user stored BD data will be deleted.

General Settings

Time Zone

Lets you specify the time zone that is applicable to your area.

Software Upgrade

The Software Upgrade menu allows you to upgrade the player's software for performance improvements or additional services.

By Online

To upgrade By Online, follow these steps:

1. In the player's menu, go to **Settings** > **Support** > **Software Upgrade**.
2. Select **By Online**, and then press the button. The Connecting to Server message appears.
3. A popup message will appear if an update is available.
4. If you select **Yes**, download process started. (Never turn the player on during an upgrade.)
5. When the update is completed, the player will restart automatically.

✎ NOTES

- The upgrade is complete when the player turns off, and then turns on again by itself.
- Never turn the player off or back on manually during the update process.
- Samsung Electronics takes no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during a software upgrade.
- No disc should be in the product when you upgrade the software By Online.

By USB

To upgrade by USB, follow these steps:

1. Visit www.samsung.com/bluraysupport.
2. Download the latest USB software upgrade zip archive to your computer.
3. Unzip the zip archive to your computer. You should have a single RUF file with the same name as the zip file.
4. Copy the RUF file to a USB flash drive.
5. Make sure there is no disc in the player, and then insert the USB flash drive into the USB port of the player.
6. In the player's menu, go to **Settings** > **Support** > **Software Upgrade**.
7. Select **By USB**.

✎ NOTES

- No disc should be in the product when you upgrade the software using the USB Host jack.
- When the software upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the software upgrade. It may cause the player to malfunction.
- Software upgrades using the USB Host jack must be performed with a USB flash memory stick only.

Auto Upgrade Notification

If you have connected the player to your network, and then set Auto Upgrade Notification on, the player automatically notifies you when a new software version is available for the player.

To set Auto Upgrade Notification on, follow these steps:

1. Select **Auto Upgrade Notification**, and then press the button.
2. Use the ▲▼ buttons to select **On**, and then press the button.

If there is a new software version available, the player notifies you with a popup message.

1. To upgrade the firmware, select **Yes** in the Pop-up. The player turns off automatically, then restarts, and begins the download. (Never turn the player on or off manually during an upgrade.)
2. The update progress popup appears.
3. When the update is completed, the player will restart automatically.

✎ NOTES

- The upgrade is complete when the player turns off, and then turns on again by itself.
- Never turn the player off or on manually during the update process.
- Samsung Electronics takes no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during software upgrade.

Contact Samsung

Provides contact information for assistance with your player.

Terms of Service Agreement

Lets you view the general disclaimer regarding third party contents and services.

Reset

Returns all settings to their factory defaults except for the network settings.

Media Play

Playing a Commercially Recorded Disc

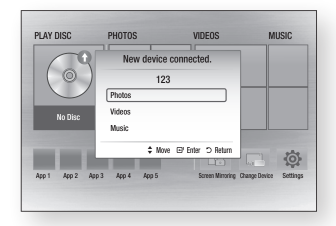
1. Press the ⏏ button to open the disc tray.
2. Place a disc gently into the disc tray with the disc's label facing up.
3. Press the ⏏ button to close the disc tray. Playback starts automatically.

Playing Files on a USB Device

There are two methods you can use to play or view multimedia files located on a USB device through your player.

Method 1

1. Turn the player on.
2. Connect the USB device to the USB port on the front panel of the player. The New Device Connected pop-up appears.



✎ NOTES

- If the pop-up does not appear, go to Method 2.

3. Use the ▲▼ buttons to select **Photos**, **Videos** or **Music**, and then press the ⏎ button. The Photos, Videos & Music screen appears listing the content of the device. Depending on how the contents is arranged, you will see either folders, individual files, or both.

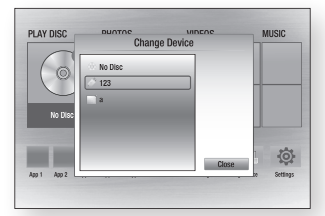
✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 3. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Photos, Videos & Music screen and going to Step 3 in Method 2 below.

4. If necessary, use the ▲▼◄► buttons to select a folder, and then press the ⏎ button.
5. Select a file to view or play, and then press the ⏎ button.
6. Press the **RETURN** button to exit a folder or the **EXIT** button to return to the Home screen.
7. Go to pages 20~22 for instructions that explain how to control playback of videos, music, and pictures on a USB device.

Method 2

1. Turn the player on.
2. Connect the USB device to the USB port on the front panel of the player. Select **Change Device** and then press the ▲▼ button to select **USB**. Press the ⏎ button.



3. Use the ▲▼◄► buttons to select **PHOTOS**, **VIDEOS** or **MUSIC** on the Home screen, and then press the ⏎ button. The Photos, Videos & Music screen appears listing the content of the device. Depending on how the contents is arranged, you will see either folders, individual files, or both.

✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 3. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Photos, Videos & Music screen and repeating Step 3.

4. If necessary, use the ▲▼◄► buttons to select a folder, and then press the ⏎ button.
5. Use the ▲▼◄► buttons to select a file to view or play, and then press the ⏎ button.
6. Press the **RETURN** button to exit a folder or the **EXIT** button to return to Home screen.
7. Go to pages 20~22 for instructions that explain how to control playback of videos, music, and pictures on a USB device.

✎ NOTES

- If you insert a disc when playing a USB device, the device mode changes to "Disc" automatically.

Playing a Disc with User Recorded Content

You can play multimedia files you have recorded on Blu-ray, DVD, or CD discs.

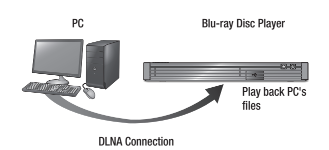
1. Place a user recorded disc into the disc tray with the disc’s label facing up, and then close the tray.
2. Use the ◄► buttons to select the type of content you want to view or play - **VIDEOS**, **PHOTOS**, or **MUSIC** - and then press the ⏎ button.

✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 2. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Home screen and repeating Step 2.

3. A screen appears listing the contents of the disc. Depending on how the contents are arranged, you will see either folders, individual files, or both.
4. If necessary, use the ▲▼◄► buttons to select a folder, and then press the [ENTER] button.
5. Use the ◄►▲▼ buttons to select a file to view or play, and then press the [ENTER] button.
6. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen. Press the **EXIT** button to return directly to the Home Screen.
7. Go to pages 20~22 for instructions that explain how to control playback of videos, music, and pictures on a disc.

Using DLNA



1. Connect the Blu-ray Disc Player, your PC, and/or your DLNA compatible device to the same wireless network.
2. Follow the directions in the DLNA software Installation/Instruction manual to set up devices and files for playing or viewing.
3. Select **Change Device** on the player's Home screen, and then press the [ENTER] button. In the list of DLNA connected devices that appears, select your PC or other DLNA compatible device, and then press the [ENTER] button.
4. Use the ◄► buttons to select the type of content you want to view or play - **VIDEOS**, **PHOTOS**, or **MUSIC** - and then press the [ENTER] button.

✎ **NOTES**

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 4. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Home screen and repeating Step 4.

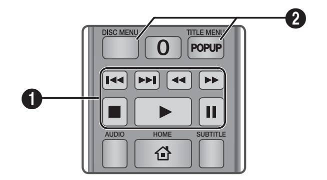
5. A screen appears listing the contents of the PC or DLNA device. Depending on how the contents are arranged, you will see either folders, individual files, or both.
6. If necessary, use the ▲▼◄► buttons to select a folder, and then press the [ENTER] button.
7. Use the ◄►▲▼ buttons to select a file to view or play, and then press the [ENTER] button.
8. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen. Press the **EXIT** button to return directly to the Home Screen.
9. Go to pages 20~22 for instructions that explain how to control playback of videos, music, and pictures on a disc.

Controlling Video Playback

You can control the playback of video content located on a Blu-ray disc, DVD, CD, USB device, or your computer. Depending on the media, some of the functions described in this manual may not be available.

During Blu-ray or DVD disc playback, the Full screen button does not operate.

Buttons on the Remote Control used for Video Playback



1 Playback related buttons

The player does not play sound in Search, Slow or Step mode.

- To return to normal speed playback, press the ► button.

► button	Starts playback.
■ button	Stops playback.
❚❚ button	Pauses playback.
Fast Motion Play	During playback, press the ◄◄ or ►► button. Each time you press the ◄◄ or ►► button, the playback speed will change.
Slow Motion Play	In pause mode, press the ►► button. Each time you press the ►► button, the playback speed will change.
Step Motion Play	In pause mode, press the ❚❚ button. Each time you press the ❚❚ button, a new frame appears.
Skip Motion Play	During playback, press the ❙◄◄ or ►►❙ button. Each time you press the ❙◄◄ or ►►❙ button, the disc moves to the previous or next chapter or file.

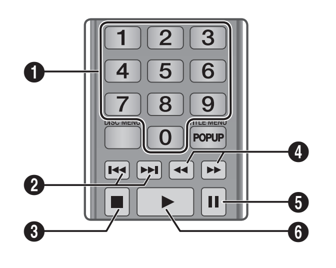
2 Using the disc menu, title menu, popup menu, and title list

DISC MENU button	During playback, press this button to start the disc menu function.
TITLE MENU button	During playback, press this button to start the title menu function.
POPUP MENU button	During playback, press this button to start the popup menu function.

Controlling Music Playback

You can control the playback of music located on a Blu-ray disc, DVD, CD, USB device, or your computer.

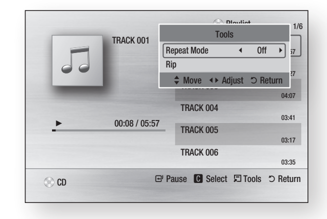
Buttons on the Remote Control used for Music Playback



❶	**NUMBER** buttons **(Audio CD (CD-DA) only)** : During Playlist playback, press the desired track number. The selected track is played.
❷	**Skip** : During playback, press the ⏮ or ⏭ button to move to the previous or next file of the playlist.
❸	■ button : Stops a track.
❹	**Fast Play (Audio CD (CD-DA) only)** During playback, press the ⏪ or ⏩ button. Each time you press the ⏪ or ⏩ button, the playback speed will change.
❺	**Pause** : Pauses a track.
❻	▶ button : Plays the currently selected track.

Repeat an Audio CD (CD-DA)/ MP3

1. During Playlist playback, press the **TOOLS** button.

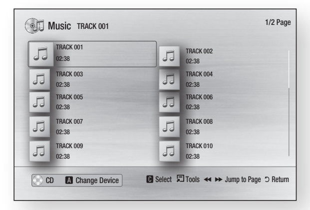


2. Press the ◄► buttons to select **Track**, **All**, **Shuffle**, or **Off**.
3. Press the ⏎ button.

Off	Songs are played in the order in which they were recorded.
(↻) Track	The current song is repeated.
(↻) All	All songs are repeated.
(⤮) Shuffle	Shuffle plays songs in random order.

Playlist

1. To move to the Music List, press the ■ or **RETURN** button.
   The Music List screen appears.



2. Press the ▲▼◄► buttons to move to a desired track, and then press the **YELLOW (C)** button. A check appears on the track.
   Repeat this procedure to select additional tracks.
3. To remove a track from the list, move to the track, and then press the **YELLOW (C)** button again.
   The check on the track is cancelled.
4. When done, press the ⏎ button.
   The tracks you selected are displayed on the right side of the screen. The player plays the first track.
5. To change the play list, press the ■ button or **RETURN** button to return to the Music List. Repeat Steps 2, 3, and 4.
6. To cancel the play list and return to the Home screen, press the **RETURN** or **EXIT** button.

✎ **NOTES**

- You can create a playlist with up to 99 tracks on Audio CDs (CD-DA).
- If you remove all the tracks from a play list and then press the ⏎ button, the player lists and plays all the tracks on the disc.

Ripping

Lets you copy audio files contents from an Audio CD (CD-DA) to USB/HDD device.

1. Open the disc tray. Place the audio (CD-DA) disc on the tray, and close the tray. Insert a USB device into the USB jack on the front of the product.
2. In Stop mode, press the ▲▼◄► buttons to move to a desired track, and then press the **YELLOW (C)** button. A check appears on the track.
   Repeat this procedure to select additional tracks.
3. To remove a track from the list, move to the track, and then press the **YELLOW (C)** button again.
   The check on the track is cancelled.
4. When done, press the **TOOLS** button and then select the **Rip** using the ▲▼ buttons. and then press the ⏎ button. The Rip pop-up appears.

5. Use the ▲▼ buttons to select the device to store the ripped files, and then press the ⏎ button.

✎ NOTES

- Do not disconnect the device while ripping is in progress.

6. If you want to cancel ripping, press the ⏎ button and then select **Yes**. Select **No** to continue ripping.
7. When ripping is complete, the "Ripping completed." message appears. Press the ⏎ button to go back to the Playback screen.

✎ NOTES

- This function may not be supported by some discs.
- On the Ripping screen, you can also choose **Select All** and **Deselect All**.
  - Use **Select All** to select all tracks. This cancels your individual track selections.
  - Use **Deselect All** to deselect all selected tracks at once.

Disc Copy to USB

Lets you copy video/photo/music contents from data Disc to USB/HDD device.

1. Open the disc tray. Place the data disc on the tray, and close the tray. Insert a USB device into the USB jack on the front of the product. The new device pop-up appears.
2. Press the ▲ button, and then press the ◄► buttons to select Blu-ray, DVD or CD.
3. Use the ▲▼ buttons to select **Photos**, **Videos** or **Music**, and then press the ⏎ button. The Photos, Videos & Music screen appears listing the content of the device. Depending on how the contents is arranged, you will see either folders, individual files, or both.

✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 3. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Photos, Videos & Music screen and repeating Step 3.

4. In Stop mode, use the ▲▼◄► buttons to select the **VIDEOS**, **PHOTOS**, or **MUSIC**, and then press the **YELLOW (C)** button. A check appears to the left of the desired item.
5. Repeat Step 4 to select and check additional desired item.
6. To remove the desired item from the list, press the **YELLOW (C)** again. The check on the desired item is removed.
7. When done, press the **TOOLS** button and then select the **Copy to USB** using the ▲▼ buttons. and then press the ⏎ button. The Copy to USB pop-up appears.
8. Use the ▲▼ buttons to select the device to store the copied files, and then press the ⏎ button.

✎ NOTES

- Do not disconnect the device while copying is in progress.

9. If you want to cancel copying, press the ⏎ button and then select **Yes**. Select **No** to continue copying.
10. When copying is complete, the "Copying completed." message appears. Press the ⏎ button to go back to the Playback screen.

✎ NOTES

- This function may not be supported by some discs.
- On the Copying screen, you can also choose **Select All** and **Deselect All**.
  - Use **Select All** to select all item. This cancels your individual item selections.
  - Use **Deselect all** to deselect all selected item at once.

Playing Photo Contents

You can control the playback of photo content located on a Blu-ray disc, DVD, CD, USB device, or your computer.

Using the Tools Menu

During playback, press the **TOOLS** button.

Start Slide Show/ Stop Slide Show	Select to start or stop the slide show.
Slide Show Speed	Select to set a slide show's speed.
Background Music	Select to listen to music while viewing a slide show.
Zoom	Select to enlarge the current picture. (Enlarge up to 4 times)
Rotate	Select to rotate the picture. (This will rotate the picture either clockwise or counter clockwise.)
Information	Shows the picture information.

✎ NOTES

- Depending on the disc or storage device, the Tools menu may differ.
- To enable the background music function, the photo file must be in the same storage media as the music file.
  However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo, and the encoding method.
- You can't enlarge the subtitle and PG graphic in the full screen mode.

Appendix

Troubleshooting

Before requesting service, please try the following solutions.

PROBLEM	SOLUTION
No operation can be performed with the remote control.	• Check the batteries in the remote control. They may need replacing. • Operate the remote control at a distance of no more than 6.1m from the player. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall batteries and try to operate the remote control again.
Disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the Blu-ray Disc/DVD.
Disc Menu does not appear.	• Ensure that the disc has disc menus.
The prohibition message appears on the screen.	• This message appears when an invalid button is pressed. • The Blu-ray Disc/DVD's software doesn't support the feature (e.g., angles). • You've requested a title or chapter number or search time that is out of range.
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your Blu-ray Disc/DVD. • This is not a problem with the player.
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.
The screen is blank.	• If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV. • Press the ⏏ button (on the front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all stored user BD data is deleted.

PROBLEM	SOLUTION
Forgot password	• Press the ⏏ button (on the front panel) for more than 5 seconds with no disc inside. All settings including the password will revert to the factory settings. • When the factory default settings are restored, all stored user BD data is deleted.
The picture is noisy or distorted	• Make sure that the disc is not dirty or scratched. • Clean the disc.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the player. • Check if your TV supports 480p, 720p, 1080i, or 1080p HDMI input resolutions.
Abnormal HDMI output screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
If you experience other problems.	• Go to the contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest Samsung authorised service centre.
DLNA function	
I can see folders shared through DLNA, but I cannot see the files.	• DLNA shows only files corresponding to the Image, Music, and Movie categories. Files that do not correspond to these categories are not displayed.
Video is played intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is overloaded. • The wireless connection between the DLNA compatible device and the player is unstable. Check the connection.
DLNA connection between Player and PC is unstable.	• The IP address under the same subnetwork should be unique. If they are not, IP interference can cause this phenomenon. • Check if you have a firewall enabled. If so, disable the firewall function.

PROBLEM	SOLUTION
BD-LIVE	
I cannot connect to the BD-LIVE server.	• Check whether the network connection is working or not by using the Network Status menu. • Check whether the USB memory device is connected to the player. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. • Check whether the BD-LIVE Internet Connection menu is set to Allow(All). • If all above fails, contact the contents provider or update the player to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management.

✎ **NOTES**

- When the factory default settings are restored, all stored user BD data is deleted.

Repairs

If you contact us to repair your player, an administration fee may be charged if either:

1. An engineer is called out to your home at your request and there is no defect in the product.
2. You bring the unit to a repair centre and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.
We recommend you read this manually thoroughly, search for a solution on line at www.samsung.com, or contact Samsung Customer Care before seeking to repair your player.

Specifications

General	Weight	1.0 Kg
	Dimensions	290 (W) X 221 (D) X 39 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
USB	Type A	USB 2.0
	DC output	5V 0.5A Max.
HDMI	Video	2D : 1080p, 1080i, 720p, 480p 3D : 1080p, 720p
	Audio	PCM, Bitstream
Audio Output	Digital Audio Output	Coaxial
Network	Ethernet	100BASE - TX Terminal
	Wireless LAN	Built-In
	Security	WEP (OPEN/SHARED) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
	WPS(PBC)	Supported

- Network speeds equal to or below 10Mbps are not supported.
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the player.
- Weight and dimensions are approximate.

Compliance and Compatibility Notice

NOT ALL discs are compatible

- Subject to the restrictions described below and those noted throughout this Manual, including the Disc Type and Characteristics section of this user manual, disc types that can be played are: pre-recorded commercial BD-ROM, DVD-VIDEO, and Audio CD (CD-DA) discs; BD-RE/-R, DVD-RW/-R discs; and CD-RW/-R discs.
- Discs other than those listed above cannot be and are not intended to be played by this player. Some of the discs listed above may not play due to one or more reasons provided below.
- Samsung cannot assure that this player will play every disc bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos, and this player may not respond to all operating commands or operate all features of every disc. These and other disc compatibility and player operation issues with new and existing format discs are possible because:
  - Blu-ray is a new and evolving format and this player may not operate all features of Blu-ray Discs because some features may be optional, additional features may have been added to the Blu-ray Disc format after the production of this player, and certain available features may be subject to delayed availability;
  - not all new and existing disc format versions are supported by this player;
  - new and existing disc formats may be revised, changed, updated, improved and/or supplemented;
  - some discs are produced in a manner that allows specific or limited operation or restricts features during playback;
  - some discs bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos may still be non-standardized discs;
  - some discs may not be played depending on their physical state or recording conditions;
  - problems and errors can occur during the creation of Blu-ray Disc or DVD software and/or the manufacture of discs;
  - this player operates differently than a standard DVD player or other AV equipment; and/or
  - for reasons noted throughout this user manual and for other reason(s) discovered and posted by SAMSUNG customer care centre.
- If you encounter disc compatibility or player operation problems, please contact SAMSUNG customer care centre.
  You may also contact SAMSUNG customer care centre for possible updates on this player.
- For additional information on playback restrictions and disc compatibility, refer to the Precautions, Before Reading the user manual, Disc Types and Characteristics, and Before Playing sections of this user manual.
- **For Blu-ray Disc Player progressive scan output** : CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS product AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE ‘STANDARD DEFINITION’ OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS product, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

Copy Protection

- Because AACS (Advanced Access Content System) is approved as the content protection system for the Blu-ray Disc format, similar to use of CSS (Content Scramble System) for the DVD format, certain restrictions are imposed on playback, analogue signal output, etc., of AACS protected contents.
  The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product. Furthermore, BD-ROM Mark and BD+ are additionally used as content protection systems for the Blu-ray Disc format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact SAMSUNG customer care centre.
- Many Blu-ray Disc/DVDs are encoded with copy protection. Because of this, you should only connect your Player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected Blu-ray Disc/DVDs.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorised recording, use, display, distribution, or revision of television programs, videotapes, Blu-ray Discs, DVDs, and other materials may subject you to civil and/or criminal liability.
- **Cinavia Notice** : This product uses Cinavia technology to limit the use of unauthorised copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorised copy is detected, a message will be displayed and playback or copying will be interrupted. More information about Cinavia technology is provided at the Cinavia Online Consumer Information Centre at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Centre, P.O. Box 86851, San Diego CA, 92138, USA.
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- DivX
  - ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that has passed rigorous testing to verify that it plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.
  - ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
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  - In the case of using open source software, Open Source Licences are available on the product menu.

- Blu-ray Disc™, Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association.

- DLNA®, the DLNA Logo and DLNA CERTIFIED® are trademarks, service marks, or certification marks of the Digital Living Network Alliance.





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ZAMBIA	0211 350370	
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BD-J5900

Blu-ray™ 光碟播放機

使用手冊

用影像記錄一切可能

感謝您選購此款 Samsung 產品。
為了獲得更完善的服務，
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台灣中文

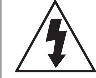
安全資訊

警告

注意

有觸電的風險，請勿開啟

注意：為減少觸電的危險，請勿卸下機蓋（或後蓋）。內部沒有使用者可以自行維修的部件。請向合格的維修人員尋求所有維修幫助。



此符號表示內部有高電壓。透過任何形式 接觸本產品內部的任何部件都很危險。



此符號表示本產品隨附有關操作和維護的 重要資料。

- 外殼及背面或底部的插槽和開口，用於進行必要 的通風。為了確保本裝置的操作可靠，以及為了 避免它過熱，不要阻擋或遮蓋這些插槽和開口。
  - 除非能夠提供適宜的通風，否則不要將本裝 置放置在狹窄的空間中（例如書櫃或入牆式櫥 櫃）。
  - 不要將本裝置放置在散熱器或加熱器附近或上 方，也不要將它放置在陽光直射到的位置。
  - 不要將盛水的容器（花瓶等）放置在本裝置 上。濺出的水可能引發火災或導致觸電。
- 不要讓本裝置受雨淋或將它放置在水邊（浴缸、洗臉盆、廚房洗滌池或洗衣盆附近、潮濕的地下 室中或游泳池附近等）。如果本裝置不慎變 濕，請立即拔下電源插頭並與授權經銷商聯絡。
- 本裝置使用電池。您所在的社區中，可能有環境 法規要求您正確棄置電池。請與您當地的民政局 聯絡，取得棄置或回收資訊。
- 不要使牆上插座、延長線或轉接器的負載超出其 容量，因為這可能會引發火災或導致觸電。.
- 巧妙佈置電源線，使得它們不會被踩踏或被放置 於其上的物品壓到。尤其要注意插頭端子處、牆 上插座處以及從裝置中引出處的電線。
- 為了保護本裝置免受雷暴襲擊，或者當長時間無 人看管或不使用本裝置時，請從牆上插座拔下電 源插頭，並斷開天線或纜線系統的連接。這麼做 可以防止閃電和電源線浪湧損傷裝置。
- 在將交流電源線連接至直流電源轉接器插座之 前，請確保直流電源轉接器的電壓額定值與當地 的電源相對應。
- 不要將任何金屬物品插入本裝置的有縫隙的部件中。此行為會造成觸電的危險。
- 為了避免觸電，不要觸摸本裝置的內部。只有有 資格的技術人員才能打開本裝置。
- 插入電源插頭時，請確保它已穩妥插入。從牆上插座拔下電源插頭時，要捏住電源插頭將其拔 出。不要拉電源線來拔出電源插頭。切勿用濕手觸摸電源線。
- 如果本裝置工作不正常（尤其是它發出異常的聲 音或異味時），請立即拔下電源插頭並與授權經 銷商或服務中心聯絡。
- 外殼維護。
  - 在將其他元件連接到本產品前，請確保將它們 關閉。
  - 如果您突然將產品從很冷的地方搬到很暖 和的地方，則可能會在操作部件和鏡 頭上 產生冷凝，從而導致光碟播放異 常。如果發生這種情況，請拔下產品的電源插頭，等待兩個小時，然後再將插頭連接至電源插座。然後再次插入光碟並嘗試播放。
- 如果將會有很長一段時間不使用產品，或您要出門較長時間，請從電源插座拔下產品的電源插頭 (尤其是兒童、老人或行動不便的人將獨自留在家中時）。
  - 堆積的灰塵會使得電源線冒火花、發熱或絕緣效能下降，從而可能導致觸電、漏電或引發火災。
- 如果您要將產品安裝在灰塵大、溫度高或低、有 化學物質的位置或要它全天候工作的場所（例如機場、火車站等），請與授權服務中心聯絡，瞭解相關資訊。如果不瞭解清楚便安裝產品，可能導致產品嚴重損壞。
- 僅使用恰當接地的插頭和牆上插座。
  - 接地不當可能導致觸電或裝置損壞。（僅限Ⅰ 類裝置。）
- 若要徹底關閉本裝置，必須從牆上插座拔下它的 電源插頭。因此，牆上插座和電源插頭始終要方便拔插。
- 不要讓兒童靠在產品上。
- 請將配件（電池等）存放在兒童無法觸及的安全 位置。
- 不要將產品安裝在不平穩的位置，例如搖搖晃晃 的架子、傾斜的地板或會震動的位置。
- 不要讓產品掉到地上，也不要敲擊產品。如果產 品損壞，請拔下電源插頭並與服務中心聯絡。
- 若要清潔本裝置，請從牆上插座拔下電源插頭，然後用乾燥的柔布擦拭產品。不要使用任何化學品，例如蠟、苯、酒精、稀釋劑、殺蟲劑、空氣清新劑、潤滑劑或洗滌劑。這些化學品可能會損傷產品外觀或擦除產品表面印刷的內容。
- 本裝置不可遭受水滴或濺到水。不要在裝置上放 置任何盛滿水的物體（例如花瓶）。
- 不要將電池丟入火中。
- 不要將多個電子裝置插入到同一個墻上插座中。插座過載會導致它過熱，從而引發火災。
- 如果用錯誤的電池類型更換遙控器中所用的電池，則有爆炸的危險。只能換成相同或相等類型的電池。
- 警告 - 為了避免火勢蔓延，始終要使蠟燭和其他有明火的物品遠離產品。



- 警告 - 本產品含有加州認為會致癌和生殖毒性的化學品 。

1 類雷射產品

本光碟播放機屬於 1 類雷射產品。如果不使用本手冊中規定的控制、調校或執行程序進行操作，可能 會讓人受到有害的輻射。

注意 :

- 本產品使用看不見的雷射光線，如果受到其直射，可能會導致危險的輻射曝露。一定要 按照說 明正確操作產品。
- 本產品利用雷射。如果不使用本手冊中規定的控 制、調校或執行程序進行操作，可能會讓人受到 有害的輻射。請勿打開機蓋和自行維修。請向合 格的維修人員尋求維修幫助。如果使用有護套的線纜和接頭將本產品連接至其 他裝置，則本產品符合 CE 法規。為了防止收音機 和電視等電子裝置的電磁干擾，請使用有護套的 線纜和接頭進行連接。

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

✎ **附註**

- 如果 Blu-ray 光碟/DVD 的地區號碼與本產品的地區 號碼不同，產品將無法播放該光碟。

重要說明

本裝置上的電源插頭是含有保險絲的模製插頭。保險絲的值在插頭的插腳面標出。

如果保險絲需要更換，可以使用獲得 BS1362 認可的相同額定值保險絲。

如果保險絲護蓋可拆除，切勿在拆下護蓋的情況下使用插頭。如果需要更換保險絲護蓋，換用品顏色必須與插頭插腳面的顏色相同。更換護蓋可向代理商購買。

如果隨附的插頭不適合您家中的電源插座，或者如

果線纜不夠長，無法插入到電源插座中，則您應該取得獲得安全認可的合適延長線，或者諮詢代理商以獲得幫助。

不過，如果除了剪斷插頭之外別無它法，請先取出保險絲，再安全地處置插頭。切勿將插頭連接到電源插孔，因為裸露的彈性線會帶來觸電的危險。

要斷開裝置與電源插座的連接，必須從電源插座中拔出插頭，因此，插頭應方便操作。

隨附本使用手冊的產品裝置獲得特定協力廠商的特定智慧財產權授權。

預防措施

重要安全說明

在使用裝置之前，請仔細閱讀操作說明。 請依照下面列出的所有安全說明操作。
將這些操作說明放在就手的地方，以供以後參考。

1. 閱讀這些說明。
2. 遵守這些說明。
3. 注意所有警告資訊。
4. 按照所有說明進行操作。
5. 切勿在靠近水的地方使用本裝置。
6. 乾布進行清潔。
7. 切勿擋住任何通風口。 應按照製造商說明進行安裝。
8. 不要安裝在散熱器、加熱器、爐子或散熱的其他裝置（包括 AV 接收器）等熱源附近。
9. 切勿輕視極化插頭或接地式插頭的安全用途。 極化插頭帶有寬窄兩個插腳。 接地式插頭帶有兩個插腳和第三個接地針腳。 寬插腳和第三個針腳均用於安全用途。 當提供的插頭不能插入您的電源插座時，請找電氣技師換一個新的插座。
10. 電源線不可踩踏或擠壓，特別是在插頭、連接插座及設備的出口位置。
11. 僅使用製造商指定的連接件/配件。
12. 只能放在製造商指定的手推車、座台、三角架、支架或桌子上，或者帶裝置一起出售。 如果使用手推車，移動手推車/裝置組合時要格外小心，避免翻倒損壞。
13. 在雷暴期間或長期不使用時，請拔下此裝置。
14. 請向合格的維修人員尋求所有維修幫助。 當裝置遭到任何方式的損壞時就需要進行維修，如電源線或插頭損壞、灑水或異物跌入裝置、裝置被雨淋或受潮、裝置不能正常工作或裝置被摔到地上。

使用 3D 功能

3D 畫面的重要健康及安全資訊。

在使用 3D 功能之前，請閱讀並瞭解下列安全資訊。

- 在觀看 3D 電視時，一些觀看者可能會覺得不舒服，例如頭暈、噁心和頭痛。
  如果您有任何此類症狀，請停止觀看 3D 電視，取下 3D 主動式眼鏡並休息。
- 長時間觀看 3D 影像會引起眼睛疲勞。如果您覺得眼睛疲勞，請停止觀看 3D 電視，取下 3D 主動式眼鏡並休息。
- 負責任的成年人應該檢查使用 3D 功能的兒童。
  如果兒童報告眼睛疲勞、頭痛、頭暈或噁心，請讓兒童停止觀看 3D 電視並休息。
- 不要將 3D 主動式眼鏡用於其他用途（例如普通眼鏡、太陽鏡、護目鏡等）
- 走路或走來走去時，不要使用 3D 功能或 3D 主動式眼鏡。如果在走來走去時使用 3D 功能或 3D 主動式眼鏡，則可能會導致您撞上物件、絆倒或摔倒，從而導致嚴重的人身傷害。
- 如果要欣賞 3D 內容，請使用高速 HDMI 纜線將 3D 裝置（3D 相容 AV 接收器或電視）連接到播放機的 HDMI OUT 埠。先戴上 3D 眼鏡再播放 3D 內容。
- 播放機只能透過連接至 HDMI OUT 埠的 HDMI 電纜來輸出 3D 訊號。
- 因為在 3D 播放模式中，視訊解像度是根據原始 3D 視訊固定的，所以無法將解像度變更為您偏好的解像度。
- 在 3D 播放模式中，一些功能（例如 BD Wise、設定螢幕尺寸或解像度）可能無法操作。
- 必須使用高速 HDMI 電纜才能正確輸出 3D 訊號。
- 觀看 3D 影像時，請在距離電視 3 倍於螢幕寬度的地方觀看。 例如，如果您擁有 46 英吋螢幕，請在離螢幕 138 英吋（11.5 英呎）處觀看。
- 請將 3D 視訊螢幕放在與眼睛同高的位置，以取得最佳的 3D 畫面。
- 如果將播放機連接到一些 3D 裝置，3D 效果可能無法正常起作用。
- 本播放機不會 2D 內容轉換為 3D。
- "Blu-ray 3D" 和 "Blu-ray 3D" 標誌是 Blu-ray Disc Association 的商標。

內容

入門指南

在使用本使用者手冊之前

本播放機可以播放的光碟類型和內容

媒體	光碟類型	詳細資料
視訊	Blu-ray 光碟 3D Blu-ray 光碟	以 BD-RE 格式錄製的 BD-ROM 或 BD-RE/-R。
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO、已錄製然後最終化的已錄製 DVD+RW/ DVD-RW(V)/DVD-R/+R，或者包含 DivX、MKV、MP4 內容的 USB 儲存媒體。
音樂	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 儲存媒體上錄製的包含 MP3 或 WMA 內容的音樂。
相片	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 儲存媒體上錄製的包含 JPEG 內容的音樂。

✎ **附註**

- 由於光碟類型或錄製條件的原因，本播放機可能不能播放某些 CD-RW/-R 和 DVD-R 光碟。
- 如果 DVD-RW/-R 未以 DVD 視訊格式正確錄製，它將不可播放。
- 本播放機不能播放 DVD-R 上以超過 10 Mbps 的位元速率錄製的內容。
- 本播放機不能播放 BD-R 或 USB 裝置上以超過 25 Mbps 的位元速率錄製的內容。
- 一些類型的光碟片可能無法播放，或者在使用特定功能時（例如執行角度變更和縱橫比調整時）無法播放。關於光碟的資訊已在光碟盒上詳細寫明。請在需要時參閱此資訊。
- 播放 BD-J 標題時，與普通標題相比，加載時間可能稍長一些，可能某些功能執行起來很慢。

本播放機無法播放的光碟類型

- HD DVD
- DVD-ROM/PD/MV 光碟等
- DVD-RAM
- 超級音訊 CD（CD 層除外）
- DVD-RW（VR 模式）
- CVD/CD-ROM/CDV/CD-G/CD-I/LD（CD-G 只能播放音訊，不能播放視訊。）
- 用於編寫的 3.9 GB DVD-R。

區域代碼

播放機和光碟都按照地區進行編碼。

這些區域代碼必須相匹配才能播放光碟。 如果這些區域代碼不匹配，則不能播放光碟。

本播放機的區域代碼在播放機的後面板上顯示。

光碟類型	區域代碼	地區
Blu-ray 光碟	A	北美洲、中美洲、南美洲、韓國、日本、台灣、香港和東南亞。
	B	歐洲、格陵蘭、法國各地區、中東、非洲、澳大利亞和紐西蘭。
	C	印度、中國、俄羅斯、中亞和南亞。
DVD-VIDEO	1	美國、美國領土和加拿大
	2	歐洲、日本、中東、埃及、南非、格陵蘭
	3	台灣、韓國、菲律賓、印尼、香港
	4	墨西哥、南美洲、中美洲、澳大利亞、新西蘭、太平洋群島、加勒比
	5	俄羅斯、東歐、印度、非洲大部分地區、朝鮮、蒙古
	6	中國

本播放機可以播放的光碟標誌



支援的檔案格式

USB 連線注意事項

- 本播放機支援 USB 儲存媒體、MP3 播放器、數位相機、USB 讀卡器。
- 本播放機不支援長度超過 128 個字元的資料夾或檔案名稱。
- 某些 USB/外接式 HDD/數碼相機裝置可能與本播放機不相容。
- 本播放機支援 FAT16、FAT32 和 NTFS 檔案系統。
- 將 USB 裝置直接連接到播放機的 USB 埠。透過 USB 電纜線連接可能會導致相容性問題。
- 如果將多個記憶體裝置插入多卡讀卡器中，則可能會導致讀卡器無法正常操作。
- 本播放機不支援 PTP 通訊協定。

- 在「載入」過程中不要斷開 USB 裝置連接。
- 影像解像度越高，顯示影像所需的時間越長。
- 本播放機不能播放從商業網站下載的帶有 DRM (Digital Rights Management) 的 MP3 檔案。
- 本播放機僅支援 30fps (每秒幀數) 的視訊。
- 本播放機僅支援 USB 大量儲存裝置類別 (MSC) 裝置，例如隨身碟和 USB HDD。(不支援 HUB。)
- 某些 USB HDD 裝置、多卡讀卡器及隨身碟可能與本播放機不相容。
- 如果某 USB 裝置需要過多功率，則它可能會受到電路安全裝置的限制。
- 如果從 USB HDD 播放不穩定，請透過將 HDD 插入到牆上插座來提供額外的電源。如果問題仍然存在，請與 USB HDD 製造廠商聯絡。
- 對於任何資料檔案損壞或資料遺失，SAMSUNG 不承擔任何責任。
- 本播放機不支援 NTSF 壓縮檔案、備用檔案或加密的檔案。
- 可以在桌上型電腦上修復或格式化 USB 裝置。(僅限 MS-Windows 作業系統)

視訊檔案支援

副檔名	容器	視訊轉碼器	音頻轉碼器	解析度
*.avi	AVI	DivX 3.11/4/5/6	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	MPEG	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080
*.rmvb	RMVB	RV8/9/10 (RV30/40)	RealAudio 6	1920x1080

▪ 限制

- 即使檔案由上方提到的受支援轉碼器編碼，如果其內容有問題，則該檔案也可能無法播放。
- 如果檔案的容器資訊錯誤或檔案本身損毀，則不能保證可以正常播放。
- 位元速率/幀速率高於標準的檔案在進行聲音/視訊播放時可能會斷斷續續。
- 如果檔案的索引表格損壞，搜尋 (跳過) 功能便無法使用。
- 視國家/地區而定，RMVB 格式可能不受支援。

▪ 視訊解碼器

- 最高支援 H.264 Level 4.1和 AVCHD
- 不支援 H.264 FMO/ASO/RS、VC1 SP/MP/AP L4
- MPEG4 SP 和 ASP：
  低於 1280 x 720： 最高 60 幀
  高於 1280 x 720： 最高 30 幀
- 不支援 GMC 2 或更高版本

▪ 音訊解碼器

- 支援 WMA 7、8、9 和 STD
- 不支援 22050Hz 單聲道的 WMA 取樣率
- AAC： 最高取樣率： 96Khz (8、11、12、16、22、24、32、44.1、48、64、88.2、96) 最高位元速率： 320kbps。

■ 受支援的 DivX 字幕檔案格式

.ttxt、.smi、*.srt、*.sub、*.txt

✎ **附註**

- 些 DivX、MKV 和 MP4 格式的光碟可能不能播放，具體視視訊解像度和幀速率而定。

音樂檔案支援

副檔名	容器	音頻轉碼器	支援範圍
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* 取樣率 (kHz) - 8、11、16、22、32、44.1 和 48 * 位元速率 - 在 5kbps 到 355kbps 範 圍內的所有位元速率

圖片檔案支援

副檔名	類型	解析度
*.jpg *.jpeg *.jpe	JPEG	15360x8640
*.png	PNG	15360x8640

AVCHD（先進視訊轉碼器高解像度）

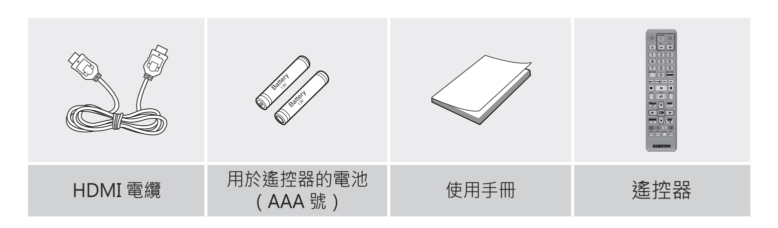
- 本播放機可以播放 AVCHD 格式的光碟。
  這些光碟一般在攝錄放影機中錄製和使用。
- AVCHD 格式是高解像度數位視訊相機格式。
- MPEG-4 AVC/H.264 格式以高於常見影像壓縮格式效率高的效率壓縮影像。
- 部分 AVCHD 光碟片使用 "x.v.Color" 格式。 本播放機可以播放使用 "x.v.Color" 格式的 AVCHD 光碟。
- "x.v.Color" 是 Sony Corporation 的商標。
- "AVCHD" 和 AVCHD 標誌是 Matsushita Electronic Industrial Co., Ltd. 和 Sony Corporation 的商標。

✎ **附註**

- 一些 AVCHD 格式光碟可能不能播放，具體視錄製條件而定。
  AVCHD 格式的光碟需要最終化。
- "x.v.Color" 提供的色彩範圍比一般 DVD 攝錄放影機光碟片的色彩範圍廣。

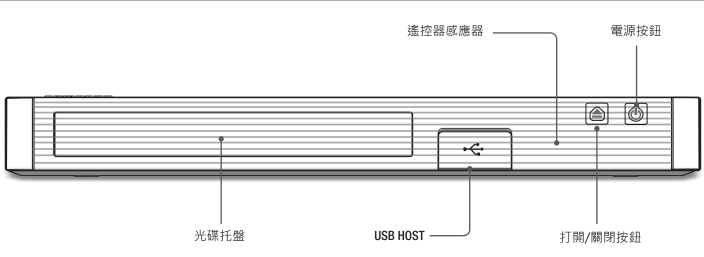
配件

請檢查下列隨附的配件。



HDMI 電纜	用於遙控器的電池 （AAA 號）	使用手冊	遙控器

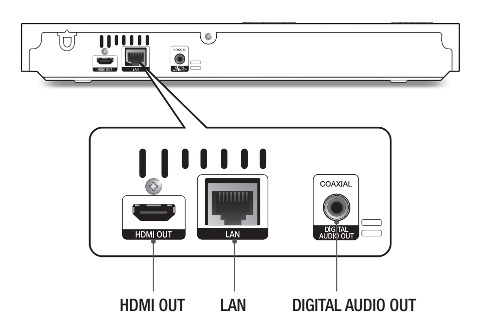
前面板



✎ **附註**

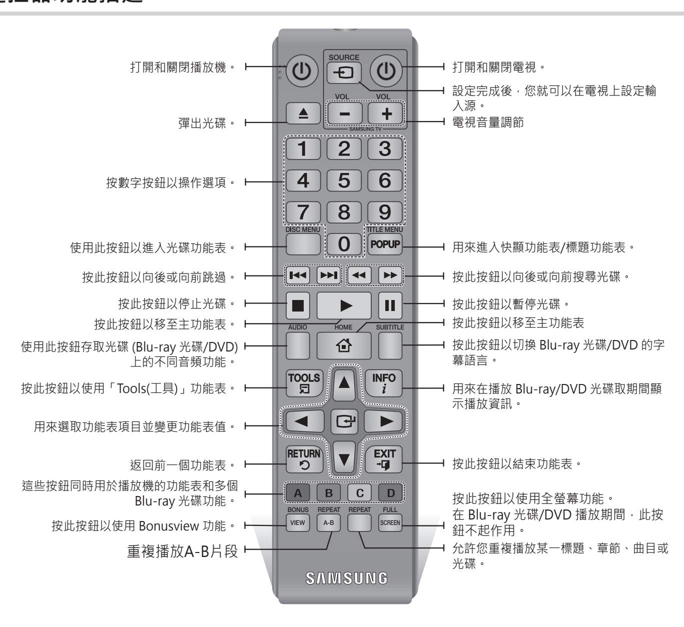
- 使用 USB Host 插孔進行軟件升級只能使用 USB 快閃記憶棒進行。
- 請開啟並拉出 USB 蓋，再插入 USB 裝置。

後面板

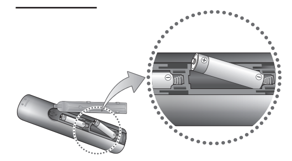


遙控器

遙控器功能描述



安裝電池



✎ **附註**

- 如果遙控器不能正常工作：
  - 請檢查電池的極性 (+/–)是否安裝正確。
  - 請檢查電池是否耗盡。
  - 請檢查遙控器感應器是否被異物阻擋。
  - 請檢查產品附近是否有熒光干擾。

! **注意**

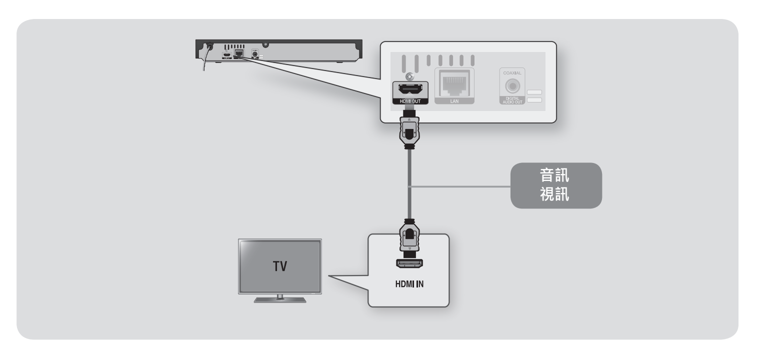
- 請按照當地的環境法規處理電池。 不要將它們與家庭垃圾放在一起。
- 切勿讓電池接觸到火。
- 切勿使電池短路、過熱或拆解電池。
- 若未正確更換電池，可能會有爆炸的危險。請務必更換相同或同等類型的電池。

連接

連接到電視

將 HDMI 電纜從產品背面的 HDMI OUT 插孔連接到電視的 HDMI IN 插孔。

- 在連接好所有接線之前，不要將電源線連接至牆上插座。
- 當您變更連線時，請先關閉所有裝置再開始。



✎ **附註**

- 如果使用 HDMI 至 DVI 電纜來連接到顯示裝置，則您還必須將播放機上的 Digital Audio Out 連接至音訊系統才能聽到音訊。
- HDMI 電纜輸出數位視訊和音訊，因此不需要連接音訊電纜。
- 視您的電視而定，某些 HDMI 輸出解像度可能不起作用。請參閱電視的使用手冊。
- 當使用 HDMI 電纜將播放機連接至電視或新電視，然後第一次開啟電視時，播放機會自動將 HDMI 輸出解像度設定為電視支援的最高解像度。
- HDMI 電纜線很長可能會導致螢幕雜訊。 如果出現這種情況，請將「HDMI 深色」設定為「關閉」。
- 若要以 HDMI 720p、1080i 或 1080p 輸出模式觀看視訊，則必須使用高速 HDMI 電纜。
- HDMI 僅將純數位訊號輸出到電視。
  如果電視不支援 HDCP（高頻寬數位內容保護），畫面上將出現雪花噪訊。

連接到音訊系統

您可以使用下面說明的其中一種方法，將 Blu-ray 播放機連接到音訊系統。

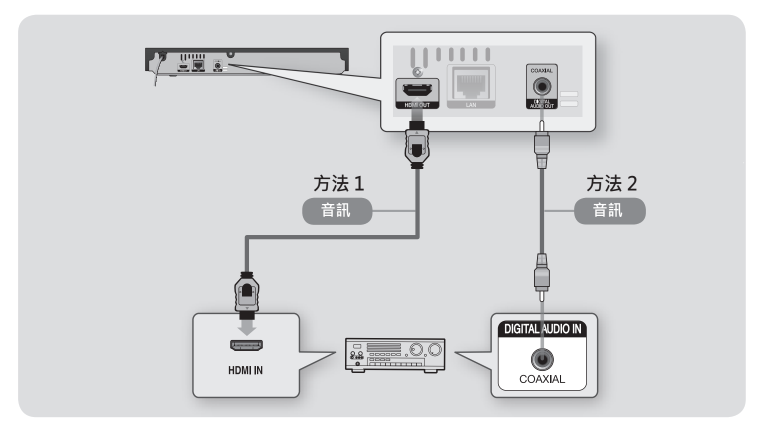
- 在連接好所有接線之前，不要將電源線連接至牆上插座。
- 當您變更連線時，請先關閉所有裝置再開始。

方法 1 連接至 HDMI 相容 AV 接收器

- 將 HDMI 電纜從產品背面的 HDMI OUT 插孔連接到接收器的 HDMI IN 插孔。
- 最佳品質（建議）

方法 2 使用數位同軸電纜連接至 AV 接收器

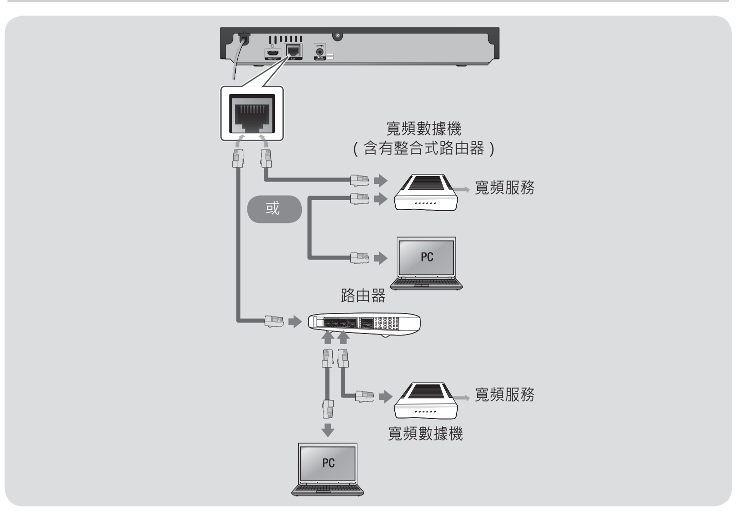
- 使用同軸電纜（未包括），將產品上的「同軸數位音訊輸出」插孔連接到接收器的「數位同軸輸入」插孔。
- 一般品質
- 當「數位輸出」設為 PCM 時，僅可從前面揚聲器聽到聲音。



連接到網路路由器

您可以使用下面說明的其中一種方法，將本產品連 接到網路路由器。
若要使用 DLNA 網路功能，必須將電腦連接連接至網路，如圖示中所示。
連線可以是有線或無線。

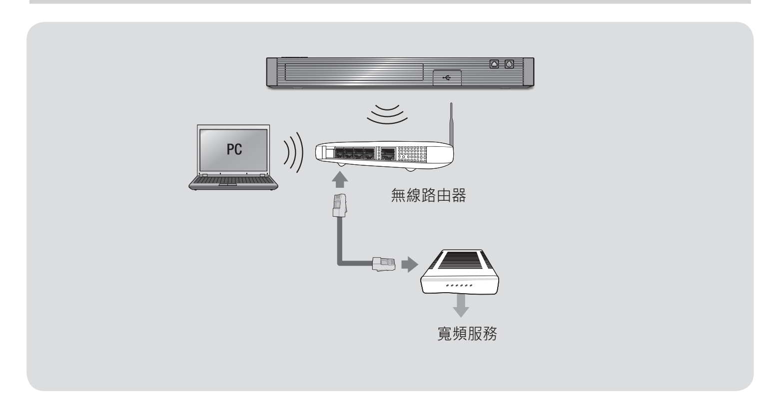
有線網路



✎ **附註**

- 可能不允許對 Samsung 的軟體更新伺服器進行網際網路，具體視您使用的路由器或 ISP 的政策而定。如需詳細資訊，請與 ISP (網際網路服務提供者) 聯絡。
- 對於 DSL 使用者，請使用路由器建立網路連線。

無線網絡



✎ **附註**

- 如果無線 IP 路由器支援 DHCP，本產品可以使用 DHCP 或靜態 IP 地址連線到無線網絡。.
- 將無線 IP 路由器設定為 Infrastructure (基礎架構) 模式。不支援 Ad-hoc (專用) 模式。
- 本產品僅支援下列無線安全金鑰通訊協定：
  - WEP (OPEN/SHARED), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
- 選擇目前未使用的無線 IP 路由器上的通道。如果為無線 IP 路由器設定的通道正為附近其他裝置所用，將會產生干擾和通訊故障。.
- 遵照最新的 Wi-Fi 認證規格，三星家庭影院不支援在 802.11n 模式下執行的網絡中使用 WEP、TKIP 或 TKIP-AES (WPS2 混合) 安全加密。
- 無線 LAN 本身可能會引起干擾，具體取決於操作條件 (AP 效能、距離、障礙、其他無線電裝置的干擾等)。

設定

設定程序

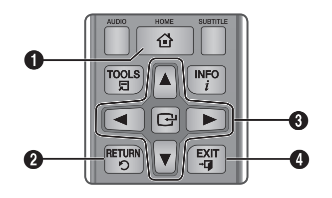
- 如果未配置設定，則主功能表不會出現。
- 升級軟體版本後，本播放機中的 OSD 螢幕顯示）可能會變更。
- 存取步驟可能會因選定的功能表而異。
- 設定程序完成之後，您就可以操控面板按鈕和遙控器了。

在將播放機連接至電視之後，開啟電視和播放機。 第一次開啟播放機時，播放機的「設定」畫面會出現在電視上。 「設定」程序可讓您設定螢幕顯示 (OSD) 和功能表語言、畫面比例（螢幕尺寸）、網路類型以及將播放機連接至網路。

✎ **附註**

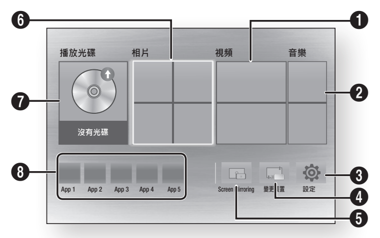
- 如果您不按照下面說明來進行設定，則主功能表不會出現。
- 如果在網路設置期間按下 **藍色 (D)** 按鈕，則可以存取主功能表，即使網路設置尚未完成也是如此。
- 返回起始選單時，將自動取消全螢幕模式。
- 如果您想要再次顯示「設定」畫面變更設定，請在產品內部無光碟的情況下，按播放機前面板上的 ⏏ 按鈕 5 秒鐘以上。這會將播放機重設為其預設設定。
- 設定程序完成之後，您就可以操控 HDMI-CEC 功能了。
- 如果您要使用 Anynet+(HDMI-CEC) 功能，請依照下面的說明操作。
  1) 使用 HDMI 電纜線將播放機連接至 Anynet+(HDMI-CEC) 相容 Samsung 電視。
  2) 在電視和播放機上將 Anynet+(HDMI-CEC) 功能設定為「開」。
  3) 將電視設定為「設定程序」。
- 鐘沒有使用，屏幕保護程序將出現在電視上。 如果播放機停留在屏幕保護程序模式超過 25 分鐘，電源會自動關閉。

功能表導覽



❶	**HOME** 按鈕： 按此按鈕以移至主功能表。
❷	**RETURN** 按鈕： 返回前一個功能表。
❸	**(確認)/方向**按鈕： 移動游標或選取項目。 啟動目前選定的項目。 確認設定。
❹	**EXIT** 按鈕： 按此按鈕以結束功能表。

• 主功能表



❶	選取视频。
❷	選取音樂 。
❸	選取設定。
❹	選取變更裝置 。
❺	選取 Screen Mirroring。
❻	選取相片。
❼	選取播放光碟。
❽	選取應用程式。

✎ **附註**

- 視訊、相片 和 音樂 選項需要您將相應的光碟放入播放機中，或將 USB 快閃裝置連接到播放機。

存取設定功能表

若要存取「設定」功能表或子功能表，請依照下面的步驟操作：

1. 按下 **POWER** 按鈕。
   將出現主功能表。
2. 按 ▲▼◄► 按鈕選取 **設定**，然後按 ⏎ 按鈕。
3. 按下 ▲▼ 按鈕以選取所需的子功能表，然後按 ⏎ 按鈕。
4. 按下 ▲▼ 按鈕以選取所需的項目，然後按 ⏎ 按鈕。
5. 按 **EXIT** 按鈕結束功能表。

✎ **附註**

- 存取步驟可能會因選定的功能表而異。 升級軟體版本後，本播放機中的 OSD（螢幕顯示）可能會變更。

圖像

可以配置各種圖像選項，例如電視外觀比例、解像度等等。

3D 設定

選取是否以 3D 模式播放含有 3D 內容的 Blu-ray 光碟。

✎ **附註**

- 對於某些 3D 光碟，要在 3D 播放期間停止影片，請按一次 ■ 按鈕。 影片將會 停止，並會停用 3D 模式選項。 若要在播放 3D 影片時變更 3D 選項選取，請按一次按 ■ 按鈕。 Blu-ray 功能表 將會出現。 再按一次 ■ 按鈕，然後在 Blu-ray 功能表中選取 3D 設定。.
- 根據電視螢幕上畫面的內容和位置，您可能會在左側或右側看到垂直的黑條。

電視外觀比例

視您電視的類型而定，您可能要調校屏幕大小設定。

✎ **附註**

- 視光碟類型的不同，某些縱橫比可能不可用。
- 如果選取不同於電視縱橫比的縱橫比 選 項，則圖像可能會變形。

BD Wise（僅限 Samsung 播放機）

BD Wise 是 Samsung 最新的內部連接功能。透過 HDMI 使用 BD Wise 將 Samsung 播放機和 Samsung 電視互連，並且播放機和電視上皆有 BD Wise 時，播放機會以 Blu-ray Disc/DVD 的視訊解析度和幀速率輸出視訊。

✎ **附註**

- 動預設為 BD Wise，並且 BD Wise 會出現在「解析度」功能表中。
- 如果將播放機連接至不支援 BD Wise 的裝置，則不能使用 BD Wise 功能。
- 為了 BD Wise 正常操作，請在播放機和電視上都將 BD Wise 功能表設定為 **開啟**。

解像度

可讓您將 HDMI 視訊訊號的輸出解像度設定為 自動、1080p、1080i、720p、480p。 數字表示每幀的視訊行數。
i 和 p 分別表示逐行和隔行。 行數越高，品質越高。

根據輸出模式的解析度

• **Blu-ray 光碟/電子內容/數碼內容播放**

輸出 / 設定	HDMI / 已連接	
	HDMI 模式	
	Blu-ray 光碟	電子內容/數碼內容
BD Wise	Blu-ray 光碟的解析度	1080p
自動	電視輸入的最大解析度	電視輸入的最大解析度
1080p@60F (電影幀幅：關閉)	1080p@60F	1080p@60F
電影幀幅:自動 (24Fps)	1080p@24F	1080p@24F
1080i	1080i	1080i
720p	720p	720p
480p	480p	480p

• **DVD 播放**

輸出 / 設定	HDMI / 已連接
	HDMI 模式
BD Wise	480i
自動	電視輸入的最大解析度
1080p	1080p
1080i	1080i
720p	720p
480p	480p

✎ **附註**

- 如果連接至播放機的電視不支援電影幀或選取的解 析度，訊息「如果在選取「是」之後沒有顯示圖片，請等待 15 秒以恢復為之前的解析度。」將會出現。如果選取**是**，電視的螢幕空白 15 秒鐘，然後解析度將自動恢復為先前的值。
- 如果在變更解析度之後螢幕保留空白，請取出所有光碟，然後按住播放機前面的 ⏏ 按鈕 5 秒鐘以上。 所有設定將恢復為出廠預設值。 遵循上一頁中的步驟訪問每種模式並選取電視將支援的顯示設定。
- 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。
- Blu-ray 光碟必須具有 24 幅率功能才能使用電影幀幅 (24Fps) 模式。

電影幀幅 (24Fps)

將電影幀幅 (24Fps) 功能設定為自動可讓您將播放機的 HDMI 輸出調整為每秒 24 幀以改善畫質。
只能在支援此幅率的電視上享受電影幀幅 (24Fps) 功能。 只有播放機處於 HDMI 1080p 輸出解析度模式時，才能選取電影幀。

HDMI 色彩格式

可讓您設定 HDMI 輸出的色彩空間格式，以與所連接裝置 (電視，顯示器等) 的功能相符。

HDMI 深色技術

可讓您以深色 從 HDMI OUT 插孔輸出視訊。 深色提供更深的色度提供更精確的顏色再現。

漸進模式

可讓您改善觀賞 DVD 時的畫面品質。

音效

數碼輸出

可讓您選取適合您的電視或 AV 接收器的數位音訊輸出格式. 如需更多詳細資料，請參閱數碼輸出選取表格。

數碼輸出選取

設定		PCM		位元流 (未經處理)		位元流 (DTS 重新編碼)	位元流 (Dolby D 重新編碼)
連線		HDMI 接收	同軸	HDMI 接收	同軸	HDMI 接收或同軸	支援 HDMI 的 AV 接收器或 同軸
Blu-ray 光碟上的音訊流	PCM	最多 7.1 聲道	PCM 2 聲道	PCM	PCM 2 聲道	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby Digital	PCM 2 聲道	PCM 2 聲道	Dolby Digital	Dolby Digital	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby Digital Plus	PCM 2 聲道	PCM 2 聲道	Dolby Digital Plus	Dolby Digital	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby TrueHD	PCM 2 聲道	PCM 2 聲道	Dolby TrueHD	Dolby Digital	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS	PCM 2 聲道	PCM 2 聲道	DTS	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS-HD HRA	PCM 2 聲道	PCM 2 聲道	DTS-HD HRA	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS-HD MA	PCM 2 聲道	PCM 2 聲道	DTS-HD MA	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
DVD 上的音訊流	PCM	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道
	Dolby Digital	PCM 2 聲道	PCM 2 聲道	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2 聲道	PCM 2 聲道	DTS	DTS	DTS	DTS
Blu-ray 光碟的清晰度	任意	將主要特徵音訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊，並新增 Navigation Sound Effects（導覽音效）。		僅輸出主要特徵音訊，以便 AV 接收器可以解碼音訊位元流。您將聽不到 BONUSVIEW 音訊或 Navigation Sound Effects（導覽音效）。		將主要特徵音訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊，並新增 Navigation Sound Effects（導覽音效），然後將 PCM 音訊重新編碼為 DTS 位元流。	將主要特徵音訊和 BONUSVIEW 音訊流 一起解碼為 PCM 音訊，並新增 Navigation Sound Effects（導覽音效），然後將 PCM 音訊重新編碼為 Dolby digital 位元流。

* 如果 Source Stream 是 2 聲道，則不會套用「Dolby D 重新編碼」設定。
Blu-ray 光碟可能包括三種音訊流：
- 主要特徵音訊： 主要特徵的音訊聲道。
- BONUSVIEW 音訊： 附加聲道，例如導演或演員的註解。
- 導覽音效： 選擇一些功能表導覽時，導覽音效可能會發出聲音。 導覽音效在每張 Blu-ray 光碟上各不相同。

✎ **附註**

- 請務必選取正確的 Digital Output，否則將聽不到聲音或只聽到很大聲的雜音。
- 如果 HDMI 裝置 (AV 接收器，電視) 與壓縮的格式 (Dolby digital, DTS) 不相容，則音訊信號輸出為 PCM。
- 一般 DVD 沒有 BONUSVIEW 音訊和 Navigation Sound Effects (導覽音效) 。
- 一些 Blu-ray 光碟沒有 BONUSVIEW 音訊和 Navigation Sound Effects (導覽音效) 。
- 如果播放 MPEG 音訊聲道，則音訊訊號將輸出為 PCM，而不管 Digital Output Selections 設為什麼 (PCM 或 Bitstream)。
- 如果您的電視與壓縮多聲道格式 (Dolby Digital, DTS) 不相容，則播放機可能會輸出 PCM 2 聲道向下採樣的音訊，即使將在設定功能表上選取了 Bitstream (Re-encoded 或 Unprocessed) 也是如此。
- 如果您的電視與超過 48kHz 的 PCM 採樣不相容，則播放機可能會輸出 48kHz 向下採樣的 PCM 音頻，即使將 PCMDownsampling 設定為**關閉**也是如此。

PCM 向下採樣

可讓您選擇讓 96Khz PCM 訊號向下採樣為 48Khz，然後再將它們輸出到擴音機。 如果擴音機或接收器與 96Khz 訊號不相容，請選擇「**開啟**」。

動態範圍控制

可讓您將動態範圍控制套用至 Dolby Digital、Dolby Digital Plus 和 Dolby TrueHD 音訊。

- **自動**： 根據 Dolby TrueHD 聲道中的資訊，自動控制 Dolby TrueHD 音訊的動態範圍。 對於 Dolby Digital 和 Dolby Digital Plus，還會開啟動態範圍控制。
- **關閉**： 保持不壓縮動態範圍，以讓您聽到原始聲音。
- **開啟**： 對於所有三種 Dolby 格式，開啟動態範圍控制。 讓較安靜的聲音大聲一些，並降低較大聲音的音量。

縮混模式

可讓您選取與您的立體聲系統相容的多聲道縮混方法。 您可以選擇將播放機縮混成普通立體聲或兼容環繞音的立體聲。

網絡

若要開始設定網路連線，請依照下面的步驟操作:

1. 在主功能表中，按下 ▲▼◄► 按鈕以選取**設定**，然後按 。
2. 按 ▲▼ 按鈕選取**網絡**，然後按。
3. 按 ▲▼ 按鈕選取**網絡設定**，然後按。
4. 按 ▲▼ 按鈕選取**網絡類型**，然後按。
5. 按 ▲▼ 按鈕選取**有線** 或 **無線**，然後按。
6. 移至下一部分.

設定網路連線

在開始之前，請與您的 ISP 聯絡以瞭解您的 IP 地址 是靜態的還是動態的。如果是動態的，並且您使用 的是有線或無線連線，則建議使用下面說明的自動 程序。

如果您要連接至有線網路，請先使用 LAN 纜線將產 品連接至路由器，然後再開始設定程序。如果您要連接至無線網路，請先斷開所有有線網路連線再開始。

若要開始設定網路連線，請依照下面的步驟操作:

有線網路

❑ **有線 - 自動**

1. 在主畫面中，選取**設定**，然後按 按鈕.
2. 選取**網路**，然後按 按鈕。
3. 選取**網絡設定**，然後按 按鈕。
4. 在網路設定畫面中選取**有線**，然後按 鈕。
5. 選取**連接**按鈕，然後按 按鈕。產品便會偵測有線連線，驗證網路連線，然後連接至網路。

❑ **有線 - 手動**

如果您具有靜態 IP 位址或「自動」程序不起作用，

則您將需要手動設定網路設定值。

依照「有線網路」中的步驟 1 和 2 操作，然後依照下面的步驟操作：

1. 選取**網絡狀態**。產品會搜尋網路，然後顯示連線失敗訊息。
2. 在畫面底端中，選取 **IP 設定**，然後按 按 鈕。IP 設定畫面將會出現。
3. 選取「IP 設定」欄位，然後按 按鈕。
4. 在「IP 設定」欄位中選取**手動輸入**，然後按 按鈕。
5. 選取要輸入的值 (例如 **IP 地址**) ，然後按 按鈕。使用遙控器上的數字小鍵盤輸入值的數 字。您還可以使用 ◄► 按鈕來輸入數字。使用 遙控器上的 _+ 按鈕從值的一個輸入欄位移至 另一個輸入欄位。完成一個值的輸入之後，按 v 按鈕。.
6. 按 ▲ 或 ▼ 按鈕移至另一個值，然後依照步驟 5 中的說明輸入值的數字。.
7. 重複步驟 5 和 6，直到填寫完所有值為止。

✎ **附註**

- 網路值可從網際網路提供商取得

8. 完成輸入所有值之後，然後按 **RETURN** 或 **EXIT** 按鈕。產品會驗證網路連線，然後連接到網 路。

無線網路

您可以採用四種方式設定無線網路連線：

- 無線自動
- 無線手動
- WPS(PBC)
- WPS(PIN)

當您設定無線網路連線時，目前透過產品連接的所有無線網路裝置或者（如果適用）產品目前的有線連線將會斷開。.

❑ 無線 - 自動

1. 在主畫面中，選取**設定**，然後按 按鈕。
2. 選取**網絡**，然後按 按鈕。
3. 選取**網絡設定**，然後按 按鈕。
4. 在「網絡設定」畫面中選取**無線**，然後按 按鈕。產品會搜尋並顯示可用網路的清單。



5. 選取所需的網路，然後按 按鈕。
6. 在「安全」畫面上，輸入網路的安全代碼或通行碼。使用遙控器上的數字按鈕直接輸入數字。輸入字母的方法是使用箭頭按鈕選取字母，然後按 按鈕。
7. 完成後，選取**完成**，然後按 按鈕。產品會驗證網路連線，然後連接到網路。
8. 驗證完成後，選取**確定**，然後按 按鈕。

✎ **附註**

- 應該可以在用來設定路由器或數據機的設定畫面上 找到「安全碼」或「通行碼」。

❑ 無線 - 手動

如果您具有靜態 IP 位址或「自動」程序不起作用，則您將需要手動設定網路設定值。.

1. 依照「無線 - 自動」中直至步驟 5 的指示操作。.
2. 產品會搜尋網路，然後顯示連線失敗訊息。
3. 在畫面底端中，選取 **IP 設定**，然後按 按鈕。IP 設定畫面將會出現。
4. 選取「IP 設定」欄位，然後按 按鈕。
5. 在「IP 設定」欄位中選取**手動輸入**，然後按 按鈕。
6. 選取要輸入的值（例如 **IP 地址**），然後按 按鈕。使用遙控器上的數字小鍵盤輸入值的數字。您還可以使用 ◄► 按鈕來輸入數字。使用 遙控器上的 _+ 按鈕從值的一個輸入欄位移至另一個輸入欄位。完成一個值的輸入之後，按 按鈕。.
7. 按 ▲ 或 ▼ 按鈕移至另一個值，然後依照步驟 6 中的說明輸入值的數字。
8. 重複步驟 6 和 7，直到填寫完所有值為止。

✎ **附註**

- 網路值可從網際網路提供商取得。.

9. 完成後，然後按 **RETURN** 或 **EXIT** 按鈕。「安全性」畫面將會出現。
10. 在「安全」畫面上，輸入網路的安全代碼或通 行碼。使用遙控器上的數字按鈕直接輸入數 字。輸入字母的方法是使用 ▲▼◄► 按鈕選取 字母，然後按 按鈕。
11. 完成後，選取畫面右側的**完成**，然後按 按 鈕。產品會驗證網路連線，然後連接到網路。
12. 產品驗證網路之後，選取**確定**，然後按 按鈕。

❑ WPS(PBC)

1. 在主畫面中，選取**設定**，然後按 按鈕。
2. 選取**網絡**，然後按 按鈕。
3. 選取**網絡設定**，然後按 按鈕。
4. 在「網絡設定」畫面中選取**無線**，然後按 按鈕。
5. 按遙控器上的 ▲▼ 按鈕，然後按 ◄► 按鈕選取 **WPS(PBC)**。
6. 按遙控器上的 按鈕。「在接下來的兩分鐘 內按無線路由器上的 PBC 按鈕」訊息將會出現。

7. 在兩分鐘內按路由器上的 WPS(PBC) 按鈕。產 品將自動獲得它需要的所有網路設定，然後連 接至網路。網路狀態畫面將會出現。驗證網路連線之後，產品將連接至網路。

❑ **WPS(PIN)**

在開始之前，請在電腦上開啟路由器的設定功能

表，並存取含有 WPS PIN 輸入欄位的畫面。.

1. 在主畫面中，選取**設定**，然後按 按鈕。
2. 選取**網絡**，然後按 按鈕。
3. 選取**網絡設定**，然後按 按鈕。
4. 在「網絡設定」畫面中選取**無線**，然後按 按鈕。產品會搜尋並顯示可用網路的清單。
5. 選取所需的網路，然後按 ► 按鈕。
6. 選取 **WPS(PIN)**，然後按 按鈕。PIN 快顯 視窗將會出現。
7. 在路由器設定畫面的 WPS PIN 輸入欄位中輸入 該 PIN，然後儲存該畫面。

✎ **附註**

- 如需如何存取路由器設定畫面的說明，請與路由器的製造商聯絡，或參閱路由器的使用手冊。
- 對於 WPS 連線，應將無線路由器的安全加密設為 AES。WPS 連線不支援 WEP 安全加密。.

網絡測試

使用此選單可以連線至有線網路，或檢查您的網路連線是否正確。

網絡狀態

檢查是否已建立網路與網際網路的連線。

Wi-Fi Direct

Wi-Fi Direct 功能可讓您使用對等網路將 Wi-Fi Direct 裝置連接至播放機及相互連接，不需要使用無線路由器。

✎ **附註**

- 如果透過 WI-Fi Direct 連接，則一些 Wi-Fi Direct 裝置可能不支援 DLNA 功能。如果出現這種情況，則建議您變更裝置之間的網路連線方法。
- 藍牙傳輸可能干擾 Wi-Fi Direct 訊號。 在使用 Wi-Fi Direct 功能之前，強烈建議您關閉任何現用行動式裝置的藍牙功能。

1. 開啟 Wi-Fi direct 裝置並啟動其 Wi-Fi Direct 功能。
2. 在主畫面中，選取**設定**，然後按 按鈕。
3. 選取**網絡**，然後按 按鈕。
4. 選取 **Wi-Fi Direct**，然後按 按鈕。所連接的 Wi-Fi Direct 裝置將會出現。可採用三種方法完成 Wi-Fi 連線：
5. 移至下一部分:
   - 透過 Wi-Fi 裝置。.
   - 使用 PBC 透過播放機.
   - 使用 PIN 透過播放機。

   下面說明每種方法.

透過 Wi-Fi 裝置

1. Wi-Fi 裝置上，依照連接至另一個 Wi-Fi Direct 裝置的裝置之程序操作。如需指示，請參閱該裝置的使用手冊。
2. 完成該程序之後，應該會在電視畫面上看到一個快顯視窗，說明支援 Wi-Fi Direct 的裝置已請求連接。選取**確定**，然後按 按鈕。
3. 正在連接」和「已連接」快顯視窗將會依次出現。快顯視窗關閉後，應可看到在 Wi-Fi Direct 畫面上列出的裝置顯示為已連接。

使用 PBC 透過播放機

1. 選取要連接至本播放機的 Wi-Fi Direct 裝置，然後按 按鈕。PBC/PIN 快顯視窗將會出現。
2. 選取 **PBC**，然後按 按鈕。PBC 快顯視窗將會出現。
3. 在 2 分鐘內按 Wi-Fi Direct 裝置上的 PBC 按鈕。
4. 「正在連接」和「已連接」快顯視窗將會依次出現。快顯視窗關閉後，應可看到在 Wi-Fi Direct 畫面上列出的裝置顯示為已連接。

使用 PIN 透過播放機

1. 選取要連接至本播放機的 Wi-Fi Direct 裝置，然後按 按鈕。PBC/PIN 快顯視窗將會出現。
2. 選取 **PIN**，然後按 按鈕。PIN 快顯視窗將會出現。
3. 記下快顯視窗中的 PIN 碼，然後將它輸入到要連接之 Wi-Fi Direct 裝置的相應欄位中。
4. 正在連接」和「已連接」快顯視窗將會依次出現。快顯視窗關閉後，應可看到在 Wi-Fi Direct 畫面上列出的裝置顯示為已連接。

✎ **附註**

- 使用 Wi-Fi Direct 功能時，目前的有線或無線網路連線將會斷開連接。.
- 使用 Wi-Fi Direct 功能時，不會顯示文字檔（例如副檔名為 .TXT 或 .DOC 的檔案）。

Screen Mirroring

Screen mirroring 功能可讓您在連接至產品的電視上，檢視智慧型電話或 Android Tablet 的畫面。

1. 在主功能表中，按下 ▲▼◄►，選取 **Screen Mirroring**，然後按 ⏎ 按鈕。
2. 在裝置上啟動 DLNA Cast。
3. 在裝置上，在可用的裝置清單中尋找 Blu-ray 播放機的名稱並予以選取。
4. 電視將會顯示 PIN。在裝置中輸入該 PIN。
5. 電視會顯示正在連接訊息（例如，正在連接至 Android_92gb...），然後顯示已連接訊息。
6. 稍後，裝置的畫面將出現在電視螢幕上。
7. 若要停止 Screen Mirroring，請按遙控器上的 **EXIT** 或 **RETURN** 按鈕，或是停用智慧型電話的 Screen Mirroring 功能

✎ **附註**

- 您可以連接至支援 DLNA Cast 的裝置。 請注意，視製造商的不同，可能並不完全支援連接至此類裝置。 如需行動式連線支援的詳細資訊，請參閱製造商的網站。
- 在您使用 Screen Mirroring 功能時，可能會出現視訊時斷時續或音訊滯後情形，具體視環境而定。
- 藍牙傳輸可能干擾 Screen Mirroring 訊號。 在使用 Screen Mirroring 功能之前，強烈建議您關閉智慧型電話或智慧型裝置（Tablet 等）的藍牙功能。

設備名稱

可讓您為產品指定識別名稱。當您將外部裝置（智慧型電話、平板電腦等）連接至產品時，使用此名稱來識別產品。

BD-LIVE 互聯網連接

設定這個選項以在使用 BD-LIVE 服務時，允許或禁止網際網路連線。

- **允許(所有)**： 將對所有 BD-LIVE 內容允許網際網路連線。
- **允許 (僅限有效)**： 僅對於包含有效證書的 BD-LIVE 內容允許網際網路連線。
- **禁止**： 將對所有 BD-LIVE 內容都不允許網際網路連線。

✎ **附註**

- **甚麼是有效的證書？**
  當播放機使用 BD-LIVE 來將光碟資料和要求傳送至伺服器以認證光碟時，伺服器使用所傳送的資料來檢查該光碟是否有效，並將證書傳回給產品。
- 使用 BD-LIVE 內容時，網際網路連線可能會受到限制。

使用 BD-LIVE™

將播放機連接到網路後，您可以使用 BD-LIVE 相容光碟享受各種與電影相關的服務內容。

1. 將 USB 記憶棒插入播放機側邊的 USB 插孔，然後檢查其剩餘記憶體。 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。
2. 插入支援 BD-LIVE 的 Blu-ray 光碟。
3. 從光碟製造商提供的各種 BD-LIVE 服務內容中選取項目。

✎ **附註**

- 使用 BD-LIVE 和提供的內容的方式可能會因光碟製造商而異。

使用 DLNA 功能

DLNA 可讓您播放位於電腦、 相容的播放機上 相容的音樂、視訊和相片檔案。

若要將 DLNA 與播放機搭配使用，則必須將播放機連接到網路（請參閱第 13~16 頁）。若要將 DLNA 與電腦搭配使用，則必須在電腦上安裝 DLNA 軟體。

如果您有與，則可以直接使用 DLNA，無須其他軟體。

系統

設置

使用「設定」功能，您可以設定語言、網路設定等。 如需「設定」功能的相關資訊，請參閱本使用手冊中的「設定」部分（請參閱第 10 頁）。

快速啟動

可讓您將播放機設定為透過縮短啟動時間而快速開啟。.

✎ **附註**

- 如果將此功能設定為**開啟**，待機電源消耗將會提高。

Anynet+(HDMI-CEC)

Anynet+ 是一種方便功能，它提供與其他帶有 Anynet+ 功能的 Samsung 播放機的連結操作。
要操作此功能，請使用 HDMI 電纜將本播放機連接到 Samsung 電視。
Anynet+ 設定為 on 時，您可以使用 Samsung 電視遙控器操作本播放機，並且只需按電視遙控器上的**播放** (▶) 按鈕就可以開始播放光碟。
如需詳細資訊，請參閱電視使用手冊。

✎ **附註**

- 如果 HDMI 電纜線不支援 CEC，就不能使用此功能。
- 如果您的 Samsung 電視具有 Anynet+ 標誌，則它支援 Anynet+ 功能。
- 視您的電視而定，某些 HDMI 輸出解析度可能不起作用。
請參閱電視的使用手冊。
- 關閉產品之後，重新拔插電源線可讓它自動開機。 一小會之後，它會在大約 15 秒鐘內自動關閉以重新建立 Anynet+ 連線。
- 對於某些電視產品，如果透過 Anynet+ 功能連接至此產品，開啟電視時可能會顯示一則警告快顯訊息，說明找不到連線。 然而，Anynet+ 連線仍已正確建立並可供使用。

BD 資料管理

可讓您管理下載的內容，這些內容透過支援 BD-LIVE 服務的 Blu-ray 光碟存取，並儲存在連接的 快閃記憶體裝置上。

可以檢查裝置資訊 (包括儲存媒體大小) 、刪除 BD 資料或變更快閃記憶體裝置。

✎ **附註**

- 在外部記憶體模式中，如果在播放期間斷開 USB 裝置的連接，光碟播放將會停止。
- 本播放機支援 FAT16、FAT32 和 NTFS 檔案系統。 建議使用支援 USB 2.0 通訊協定、4 MB/秒或更快讀/寫速度的 USB 裝置。
- 「恢復播放」功能在格式化儲存裝置後可能不工作。
- 「BD 資料管理」可使用的總記憶體可能會因條件而異。

DivX® VOD

檢視 DivX® VOD 註冊碼以購買和播放 DivX® VOD 內容。

語言

可以選取偏好用於螢幕功能表、光碟功能表等的語言。

✎ **附註**

- 選取的語言只有在光碟上受支援時才會出現。

安全性

預設 PIN 是 0000。如果您尚未建立您自己的 PIN，請輸入預設 PIN 以存取安全功能。第一次存取安全功能之後，可以使用「變更 PIN 碼」功能來變更 PIN。

BD 家長分級控制

除非輸入密碼，否則禁止播放特定年齡等級的 Blu-ray 光碟。

DVD 家長分級控制

此功能與已指定年齡等級或數字等級 (指示內容的成熟程度) 的 DVD 配合使用，並可以幫助您控制家人觀賞的 DVD 類型。 這些數字可以幫助您控制家人可以觀賞的 DVD 類型。選擇表示等級的數字時，您應選擇希望播放機可以播放的最高等級數。 例如，如果您選擇了等級 6，則播放機會播放等級不超過 6 的光碟，但不會播放等級為 7 或 8 的光碟。
數字越大，內容成熟程度越高。

更改密碼

變更用於存取安全功能的 4 位密碼。

如果您忘記了您的密碼

1. 取出光碟。
2. 按住前面板上的 ▲ 按鈕 5 秒鐘以上。
所有設定將恢復為出廠設定。

✎ **附註**

- 恢復出廠預設設定後，將會刪除所有使用者已儲存的 BD 資料。

一般

時區

您可以指定適合您所在地區的時區。

支援

軟件升級

「軟體升級」功能表可讓您升級播放機的軟體以改良效能或取得其他服務。 您可以採用四種方法來升級：

從網絡中下載

若要透從網絡中下載升級，請依照下面的步驟操作：

1. 在播放機的功能表中，**設定** > **支援** > **軟體升級**。
2. 選取 **從網絡中下載**，然後按 [E] 按鈕。 「正在連接至伺服器」訊息便會出現。
3. 如果有更新可用，一則快顯訊息將會出現
4. 如果您選取 **是** ，下載程序將會開始。（在升級期間，切勿開啟播放機。）
5. 更新完成後，播放機會自動重新啟動。

✎ **附註**

- 播放機關閉然後再次自行開啟後，升級即告完成。
- 在執行更新程序期間，切勿手動關閉或 開啟播放機。
- 對於在軟體升級期間，由於網際網路連 線不穩定或消費者的疏忽而導致的播放 機故障，Samsung Electronics 不承擔 任何法律責任。
- 使用 從網絡中下載 插孔來升級軟體時，光碟托盤必須是空的。

從USB下載

若要使用 從USB下載 來升級，請依照下面的步驟操作：

1. 請造訪 www.samsung.com/bluraysupport
2. 將最新的 USB 軟體升級 zip 保存檔下載到電腦。
3. 將該 zip 保存檔解壓縮到電腦。 應該使用與 zip 檔案同名的單一 RUF 檔
4. 將該RUF 檔複製到 USB 快閃磁碟中。
5. 請確保光碟托盤是空的，然後將 USB 快閃磁碟插入到播放機的 USB 埠中。
6. 在播放機的功能表中，**設定** > **支援** > **軟體升級**。
7. 選取 **從USB下載** 。

✎ **附註**

- 使用 USB Host 插孔來升級軟體時，光碟托盤必須是空的。
- 軟體升級完成後，請在「軟體升級」功能表中檢查軟體詳情。
- 在軟體升級期間，切勿關閉播放機。否則會導致播放機運作失常。
- 使用 USB Host 插孔進行軟體升級必須只使用 USB 快閃記憶棒進行。

自動升級通知

如果您已將播放機連接至網路，然後將 自動升級通知 設定為 開，則當有播放機的新軟體版本可用時，播放機會通知您。

若要將 自動升級通知 設定為 開，請執行下列步驟：

1. 選取 **自動升級通知**，然後按 [E] 按鈕。
2. 使用 ▲▼ 按鈕選取 **開啟**，然後按 [E] 按鈕。

如果有新的軟體版本可用，播放機會透過快顯訊息通知您。

1. 若要升級韌體，請在快顯訊息上選取 **是**。產品將自動關閉，然後重新啟動，接 著開始下載。（此時切勿手動打開產品。）
2. 將顯示更新進度彈出式訊息。
3. 更新完成後，播放機會自動重新啟動。

✎ **附註**

- 播放機關閉然後再次自行開啟後，升級即告完成。
- 在執行更新程序期間，切勿手動關閉或開啟播放機。
- 對於在軟體升級期間，由於網際網路連 線不穩定或消費者的疏忽而導致的播放機故障，Samsung Electronics 不承擔任何法律責任。

聯絡 Samsung

提供聯絡資訊以協助您使用播放機。

服務合約條款

查看有關第三方的內容及服務的一般性免責聲明。

重設

除了網路和 所有設定都將恢復為預設值。

媒體播放

播放商業錄製的光碟

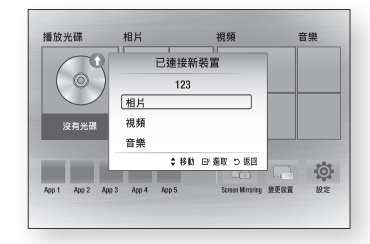
1. 按 按鈕以開啟光碟托盤。
2. 輕輕將光碟放入托盤，光碟的標籤朝上。
3. 按 按鈕以關閉光碟托盤。 播放將自動開始。

播放 USB 裝置上的檔案

有兩種方法可用來透過本播放機播放或觀看位於 USB 裝置上的多媒體檔案。

方法 1

1. 開啟播放機。
2. 將 USB 裝置連接至播放機前面的 USB 埠。「已連接新裝置」快顯視窗將會出現。



✎ **附註**

- 如果該快顯視窗不出現，請轉至方法 2。

3. 使用 ▲▼ 按鈕選取**相片**、**視頻**、或 **音樂**，然後按 按鈕。相片、視頻和音樂畫面將會出現，並列出裝置的內容。視開啟內容的排列方式而定，您將看到資料夾及/或個別檔案。

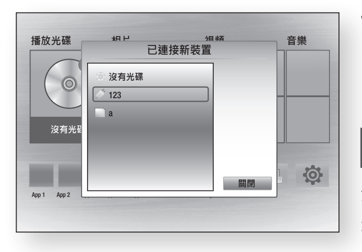
✎ **附註**

- 雖然播放機可以顯示所有內容類型的資料夾，但是它僅顯示您在步驟 3 中選取之內容類型的檔案。例如，如果您選取了音樂，您只能看到音樂檔案。您可以變更內容類型選擇，方法是回到相片、視頻和音樂畫面並移至下面「方法 2」中的步驟 3。

4. 必要時，使用 ▲▼◄► 按鈕選取資料夾，然後按 按鈕。
5. 選取要觀看或播放的檔案，然後按 按鈕。
6. 按 **RETURN** 按鈕結束資料夾，或按 **EXIT** 按鈕回到主畫面。
7. 如需如何控制 USB 裝置上視訊、音樂和圖片播放的說明，請移至第 20~22 頁。

方法 2

1. 開啟播放機。
2. 將 USB 裝置連接至播放機前面的 USB 埠。. 選取「**變更裝置**」，然後按 ▲▼ 按鈕以選取 USB。然後按 按鈕。



3. 使用 ▲▼◄► 按鈕選取按鈕選取**相片**、**視頻** 或 **音樂**，然後按 按鈕。相片、視頻和音樂畫面將會出現，並列出裝置的內容。視開啟內容的排列方式而定，您將看到資料夾及/或個別檔案。

✎ **附註**

- 雖然播放機可以顯示所有內容類型的資料夾，但是它僅顯示您在步驟 3 中選取之內容類型的檔案。例如，如果您選取了音樂，您只能看到音樂檔案。您可以透過回到相片、視頻和音樂畫面並重複步驟 3 來變更此選項。

4. 必要時，使用 ▲▼◄► 按鈕選取資料夾，然後按 按鈕。
5. 使用 ▲▼◄► 按鈕選取要觀看或播放的檔案，然後按 按鈕。
6. 按 **RETURN** 按鈕結束資料夾，或按 **EXIT** 按鈕回到主畫面。
7. 如需如何控制 USB 裝置上視訊、音樂和圖片播放的說明，請移至第 20~22 頁。

✎ **附註**

- If 如果在播放 USB 裝置時插入光碟，裝置模式將自動切換為「光碟」。

播放具有使用者錄製的內容的光碟

您可以播放您錄製在 Blu-ray、DVD 或 CD 光碟 上的多媒體檔案。

1. 將使用者錄製的光碟放入光碟托盤中，光碟 的標籤朝上，然後關閉托盤。
2. 使用 ◄► 按鈕選取要觀看或播放的內容類型 - **相片**、**視頻** 或 **音樂** - 然後按 按鈕。

✎ **附註**

- 雖然播放機可以顯示所有內容類型的資料夾，但是 它僅顯示您在步驟 2 中選取之內容類型的檔案。例 如，如果您選取了音樂，您只能看到音樂檔案 您可以透過回到 首頁 畫面並重複步驟 2 來變更此選項。

3. 將會出現一個畫面，其中列出裝置的內容。 視內容的排列方式而定，您將看到資料夾及/或個別檔案。

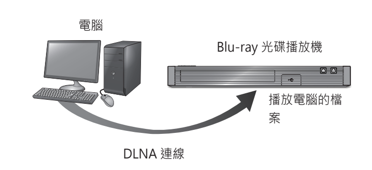
4. 必要時，使用 ▲▼◄► 按鈕選取資料夾，然 後按 [E] 按鈕。

5. 使用 ▲▼◄► 按鈕選取要觀看或播放的檔 案，然後按 [E] 按鈕。

6. 按 **RETURN** 按鈕一次以上結束目前的畫面、結束資料夾或回到 首頁 畫面。按 **EXIT** 按鈕以直接回到 首頁 畫面。

7. 如需如何控制光碟上視訊、音樂和圖片播放的說明，請移至第 20~22 頁。

使用 DLNA



1. 將 Blu-ray 光碟播放機、電腦及/或 DLNA 相容裝置連接到相同的無線網路。

2. 依照 DLNA 軟體安裝/說明手冊中的指示操作，設定裝置和檔案以進行播放或觀看.

3. 在播放機的主畫面上選取「**變更裝置**」，然後按 [E] 按鈕。 在出現的已連接至 DLNA 的裝置清單中，選取您的電腦或其他與 DLNA 相容的裝置，然後按 [E] 按鈕。一個畫面將會出現，其中列出可用的檔案。

4. 使用 ◄► 選取要播放的內容類型 - **相片**、**視頻** 或 **音樂** - 然後按 [E] 按鈕。

✎ **附註**

- 雖然播放機可以顯示所有內容類型的資料夾，但是它僅顯示您在步驟 4 中選取之內容類型的檔案。例如，如果您選取了音樂，您只能看到音樂檔案。您可以透過回到相片、視頻和音樂畫面並重複步驟 4 來變更此選項 。

5. 將會出現一個畫面，其中列出 PC 或 DLNA 裝置的內容。 視內容的排列方式而定，您將看到資料夾及/或個別檔案。

6. 必要時，使用 ▲▼◄► 按鈕選取資料夾，然 後按 [E] 按鈕。

7. 使用 ▲▼◄► 按鈕選取要觀看或播放的檔 案，然後按 [E] 按鈕。

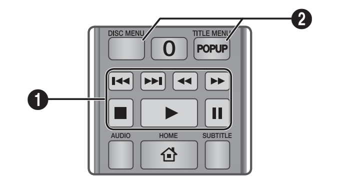
8. 按 **RETURN** 按鈕一次以上結束目前的畫面、結束資料夾或回到 首頁 畫面。按 **EXIT** 按鈕以直接回到 首頁 畫面。

9. 如需如何控制光碟上視訊、音樂和圖片播放的說明，請移至第 20~22 頁。

控制視訊播放

您可以控制位於 Blu-ray、DVD、CD 或 USB 儲存裝置上的視訊內容的播放。 視光碟而定，本手冊中說明的一些功能可能無法使用。在 Blu-ray 光碟/DVD 播放期間，此按鈕不起作用。

遙控器上用於播放視訊的按鈕



❶ 與播放相關的按鈕

在「搜尋 」、「慢動作播放」和「逐個動作播放」模式下，播放機不會播放聲音。

- 要恢復正常速度播放，請按 ► 按鈕。

► 按鈕	開始播放。
■ 按鈕	停止播放。
❚❚ 按鈕	暫停播放。
快動作播放	在播放期間，按 ◄◄ 或 ►► 按鈕。 每次按 ◄◄ 或 ►► 按鈕，播放速度都會變更。
慢動作播放	在暫停模式中，按 ►► 按鈕。 每次按 ►► 按鈕按鈕，播放速度都會變更。
逐個動作播放	在暫停模式中，按 ❚❚ 按鈕。 每次按 ❚❚ 按鈕，都會出現新的一幀。
跳過動作播放	在暫停模式中，按 ❙◄◄ 或 ►►❙ 按鈕。 每次按 ❙◄◄ 或 ►►❙ 按鈕，光碟都會移至上一個章節/檔案或下一個章節/檔案。

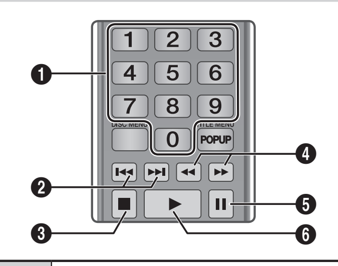
❷ 使用光碟功能表、標題功能表、快顯功能表和標題清單

DISC MENU 按鈕	在播放期間，按此按鈕可以啟動光碟功能表功能。
TITLE MENU 按鈕	在播放期間，按此按鈕可以啟動標題功能表功能。
POPUP MENU 按鈕	在播放期間，按此按鈕可以啟動快現標題功能表功能。

控制音樂播放

您可以控制位於 Blu-ray 、CD 、DVD 或 USB、或電腦上的音樂內容的播放。

遙控器上用於播放音樂的按鈕



❶	**數字按鈕 （ 僅限音訊 CD (CD-DA) ）**：在播放清單播放期間，按所需的曲目編號。 將會播放選取的曲目。
❷	**跳過**： 在播放期間，按 ⏮ 或 ⏭ 按鈕移至播放清單的上一頁或下一頁。
❸	■ **按鈕**：停止曲目。
❹	**快速播放**（ 僅限音訊 CD (CD-DA) ） 在播放期間，按 ⏪ 或 ⏩ 按鈕。 每次按 ⏪ 或 ⏩ 按鈕，播放速度都會變更。
❺	**暫停**： 暫停曲目。
❻	▶ **按鈕**：播放當前選取的曲目。

重複音訊 CD (CD-DA)/MP3

1. 在播放清單播放期間，按 **TOOLS** 按鈕。

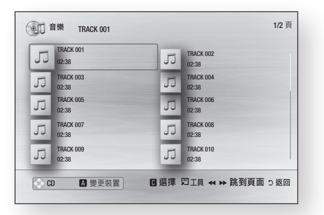


2. 按 ◄► 按鈕選取 **曲目**, **全部**, **隨機式**, 或 **關閉**.
3. 按 ⏎ 按鈕。

關閉	將以錄製的順序播放歌曲。
(🔂) **曲目**	重複目前的歌曲。
(🔁) **全部**	重複所有歌曲。
(🔀) **隨機式**	隨機選項會隨機播放歌曲。

播放清單

1. 若要移至音樂清單，請按 ■ 或 **RETURN** 按鈕。
   「音樂清單」畫面將會出現。



2. 按 ▲▼◄► 按鈕移至所需的曲目，然後按 **黃色 (C)** 按鈕。鉤號將出現在該曲目上。重複此程序以選取其他曲目。
3. 若要從清單移除曲目，請移至曲目，然後再次按 **黃色 (C)** 按鈕 按鈕。
   將會取消曲目上的鉤號。
4. 完成後，按 ⏎ 按鈕。 您已選取的曲目將顯示在畫面右側。 播 放機會播放第一個曲目。
5. 若要變更播放清單，請按 **RETURN** 按鈕回到 音樂清單。 重複步 驟 2、3 和 4。
6. 若要取消播放清單並返回到 首頁 畫面，請按 **RETURN** 或 **EXIT** 按鈕。

✎ **附註**

- 可以在音訊 CD (CD-DA) 上建立最多含有 99 個曲目的播放清單。
- 如果您移除播放清單中的所有曲目，然後按 ⏎ 按鈕，則播放機會列出並播放光碟上的所有曲目。

Ripping

可讓您將音訊檔案內容從音訊 CD (CD-DA) 複製到 USB/HDD 裝置。

1. 開啟光碟托盤。 將音訊 (CD-DA) 光碟放在托盤上，然後關閉托盤。 將 USB 裝置插入到產品前面的 USB 插孔中。
2. 在「停止」模式下，按 ▲▼◄► 按鈕移至所需的曲目，然後按**黃色 (C)** 按鈕。 鉤號將出現在該曲目上。重複此程序以選取其他曲目。
3. 若要從清單移除曲目，請移至曲目，然後再次按 **黃色 (C)** 按鈕 按鈕。
   將會取消曲目上的鉤號。
4. 完成後，按 **TOOLS** 按鈕，使用 ▲▼ 按鈕選取「**擷取**」，然後按 ⏎ 按鈕。
   「擷取」快顯視窗隨之出現。

5. 使用 ▲▼ 按鈕以選取用於儲存擷取檔案的裝置，然後按 [E] 按鈕。.

✎ **附註**

- 正在進行擷取時，不要使裝置斷開連接。

6. 如果要取消擷取，請按 [E] 按鈕，然後選取**是**。選取**否**可繼續擷取。
7. 擷取完成後，「擷取完成。」訊息將會出現。按 [E] 按鈕。按鈕回到「播放」畫面。

✎ **附註**

- 些光碟可能不支援此功能。
- 擷取」畫面上，您還可以選擇 **全選** 和 **取消全部選擇**。
  - 使用**全選**選取所有曲目。這會取消個別曲目選擇。
  - 使用**取消全部選擇**一次性取消選取所有已選取的曲目。

碟盤複製到USB

可讓您將視訊/相片/音樂內容從資料光碟複製到 USB/HDD 裝置。

1. 開啟光碟托盤。 將光碟放在托盤上，然後關閉托盤。 將 USB 裝置插入到產品前面的 USB 插孔中。 新裝置快顯視窗隨之出現。
2. 按 ▲ 按鈕，然後按 ◄► 按鈕選取 CD 或 DVD。
3. 使用 ▲▼ 按鈕選取**相片**，**視頻**，或**音樂**，然後按 [E] 按鈕。相片、視頻和音樂畫面將會出現，並列出裝置的內容。視開啟內容的排列方式而定，您將看到資料夾及/或個別檔案。

✎ **附註**

- 雖然播放機可以顯示所有內容類型的資料夾，但是它僅顯示您在步驟 3 中選取之內容類型的檔案。例如，如果您選取了音樂，您只能看到音樂檔案。您可以透過回到相片、視頻和音樂畫面並重複步驟 3 來變更此選項。

4. 在「停止」模式下，使用 ▲▼◄► 按鈕選取視訊、相片或音樂，然後按**黃色 (C)** 按鈕。一個勾選標記便會出現在所需項目左側。
5. 重複步驟 4 選取其他所需項目。
6. 若要從清單中移除所需項目，請再按一次**黃色(C)** 按鈕。便會移除所需項目上的勾選標記。
7. 完成後，按 **TOOLS** 按鈕，使用 ▲▼ 按鈕選取「**複製到USB**」，然後按 [E] 按鈕。「複製到USB」快顯視窗隨之出現。
8. 使用 ▲▼ 按鈕以選取用於儲存複製檔案的裝置，然後按 [E] 按鈕。

✎ **附註**

- 正在進行複製時，不要使裝置斷開連接。

9. 如果要取消複製，請按 ▼ 按鈕，然後選取**是**。選取**否**可繼續複製。
10. 複製完成後，「複製完成。」訊息將會出現。按 [E] 按鈕回到「播放」畫面。

✎ **附註**

- 部分光碟可能不支援此功能。
- 在「複製」畫面上，您還可以選擇「**全選**」和「**取消全部選擇**」。.
  - 使用「**全選**」可選取所有項目。 這會取消個別項目選擇。
  - 使用「**取消全部選擇**」可一次性取消選取所有已選取的項目。

播放相片內容

您可以播放位於 BLU-RAY 、DVD、CD 、USB 儲存裝置上的相片內容 或 選取 PC。

使用工具功能表

在播放期間，按 **TOOLS** 按鈕。.

開始播放幻燈片/停止播放幻燈片	選取此項以播放/暫停幻燈片。
幻燈片播放速度	選取「播放幻燈片」設定。
背景音樂	選取此項可在觀看幻燈片時收聽音樂。
縮放	選取此項以放大目前的圖片。（最多放大 4 倍）
旋轉	選取此項以旋轉圖片。（這會順時針或逆時針旋轉圖像。）
資訊	顯示圖片資訊。

✎ **附註**

- 視光碟或儲存裝置而定，「工具」功能表可能不相同。
- 若要啟用背景音樂功能，相片檔案與音樂檔案必須在相同的儲存媒體中。不過，聲音品質可能會受到 MP3 檔案的位元速率、相片的大小和編碼方法影響。
- 在全螢幕模式中，不能放大字幕和 PG 圖形。

附錄

故障排除

在請求服務前，請檢查下列內容。

問題	解決方案
遙控器無法執行任何操作。	• 檢查遙控器裡的電池。 它們可能需要更換。 • 在不超過 6.1 米的距離內操作遙控器。 • 取出電池，按住一個或多個按鈕幾分鐘以耗盡遙控器內部的微處理器，以便進行重設。 裝回電池，然後再次嘗試操作遙控器。
無法播放光碟。	• 確定光碟安裝時，光碟的標籤面朝上。 • 檢查 Blu-ray 光碟/DVD 的區域代碼。
光碟功能表 沒有出現。	• 請確定該光碟具有光碟功能表。
禁止訊息出現在螢幕上。	• 按無效的按鈕時，此訊息就會出現。 • Blu-ray 光碟/DVD 軟體不支援此功能（例如，視角）。 • 您請求的標題、章節編號或搜尋時間超出範圍。
播放模式與 設定功能表 選擇不同。	• 如果光碟沒有相應功能的編碼，則在 設定功能表 中選定的功能可能不能正常工作。
屏幕比例無法更改。	• Blu-ray 光碟/DVD 上的 螢幕比例 是固定的。 • 這不是播放機運作失常。
無音訊。	• 請確定您已經在 音訊選項 功能表中選擇了正確的 數碼輸出。
屏幕訊號中斷 。	• 如果將 HDMI 輸出設定為電視不能支援的解析度（例如 1080p），則在電視上可能看不到圖片。 • 在產品內部無光碟的情況下，按前面板上的 ⏏ 按鈕 5 秒鐘以上。所有設定將恢復為出廠設定。 • 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。

問題	解決方案
忘記密碼 。	• 在產品內部無光碟的情況下，按前面板上的 ⏏ 按鈕 5 秒鐘以上。所有的設定，包括密碼，將恢復為出廠設定。 除非絕對必要，否則不要使用此操作。 • 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。
畫面出現噪訊或失真	• 請確定光碟未弄髒或無刮痕。 • 清潔光碟。
無 HDMI 輸出。	• 檢查電視與播放機的 HDMI 插孔之間的連接。 • 檢查電視是否支援 480p、720p、1080i、1080p HDMI 輸入解析度。
異常 HDMI 輸出屏幕。	• 如果畫面上出現雪花噪訊，則表示電視不支援 HDCP（高頻寬數碼內容保護）。
如果您遇到其他問題。	• 移到目錄，查找含有對當前問題解釋的使用手冊部分，然後再次遵照程序操作。 • 如果問題仍然無法解決，請聯絡距您最近的 Samsung 授權服務中心。
DLNA 功能	
我可以看到透過 DLNA 共用的資料夾，但是看不到檔案。	• DLNA 只顯示對應於 影像、音樂 和 電影 類別的檔案。 不會顯示不對應於這些類別的檔案。
視訊播放斷斷續續。	• 檢查網路是否穩定。 • 檢查網路電纜是否正確連接，以及網路是否超負荷。 • DLNA 相容裝置與播放機之間的無線連線不穩定。 請檢查連線。
電視與電腦之間的 DLNA 連線不穩定。	• 同一個子網路中的 IP 位址必須是唯一的。 如果不唯一，IP 干擾可能會導致此現象。 • 檢查是否啟用了防火牆。 若啟用，請停用防火牆功能。

問題	解決方案
BD-LIVE	
無法連接到 BD-LIVE 伺服器。	• 使用 網路狀態 功能表檢查網路連接是否成功。 • 檢查是否將 USB 記憶體裝置連接至播放機。 • 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。可以在 BD 資料管理中檢查可用大小。 • 請檢查 BD-LIVE 網際網路連線 功能表是否設定為 允許(所有)。 • 如果上述所有原因都不正確，請與內容提供商聯絡或將播放機更新為最新的韌體。
使用 BD-LIVE 服務時發生錯誤。	• 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。可以在 BD 資料管理中檢查可用大小。

✎ **附註**

- 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。

維修

如果您要與我們聯絡以維修播放機，則在下列情況下可能需要收取管理費：

1. 您致電工程師上門維修，但是產品無缺陷。
2. 您將裝置帶到維修中心維修，但是產品無缺陷。

我們在上門服務或開始修理播放機之前，我們將為您提供管理費用。
建議您通讀本使用手冊，在 www.samsung.com 上線上搜尋解決方案，或者與 Samsung 客戶中心聯絡，再將播放機送修。

規格

一般	重量	1.0 公斤
	尺寸	290 (寬) x 221 (深) x 39 (高) 毫米
	工作溫度範圍	+5℃ 至 +35℃
	工作濕度範圍	10 % 至 75 %
USB	類型 A	USB 2.0
	DC 輸出。	最大 5V 0.5 A。
HDMI	視訊	2D：1080p, 1080i, 720p, 480p 3D：1080p, 720p
	音訊	PCM ，位元流音訊
音訊輸出	數碼音訊輸出	同軸
網路	乙太網路	100BASE-TX 外部
	無線 LAN	內置
	安全	WEP (OPEN/SHARED) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
	WPS(PBC)	支援

- 不支援等於或低於 10Mbps 的網路速度。
- 設計和規格可能會隨時變更，恕不另行通知。
- 如需電源和功耗資訊，請參閱貼在產品上的標籤。
- 重量和尺寸均為近似值。

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

在5.25-5.35 秭赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

符合性和相容性聲明

並非所有光碟都相容

- 根據下面所述的限制及本手冊中(包括本手冊中的「光碟類型和特性」一節) 說明的限制，可以播放的光碟類型有： 預先錄製的商業 BD-ROM、DVD-VIDEO 和音訊 CD (CD-DA) 光碟；BD-RE/-R、DVD-RW/-R 光碟；以及 CD-RW/-R 光碟。
- 上述光碟以外的光碟及/或不設計為使用本播放機播放。 並且由於下面提供的一個或多個原因，上述的一些光碟也可能無法播放。
- Samsung 不能保證本播放機可以播放帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的每張光碟，並且本播放機可能不能回應所有操作指令或操作每張光碟的所有功能。下面列出造成這些問題和其他光碟相容性以及播放機操作新格式或現有格式的光碟問題的可能原因：
  - Blu-ray 是新的且不斷發展的格式，且本播放機可能無法操作 Blu-ray 光碟的所有功能，因為一些功能可能是在生產本播放機後新增到 Blu-ray 光碟格式的選用附加功能，並且某些可用的功能可能會延後提供。
  - 本播放機並不支援所有新的和現有的光碟格式版本。
  - 可能會對新的和現有的光碟格式進行修正、變更、更新、改良及/或補充；
  - 一些光碟的生產方式使得在播放期間只允許特定或有限的操作和功能；
  - 帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的一些光碟可能仍然是非標準化光碟；
  - 一些光碟可能無法播放，具體視其實體狀態或錄製條件而定；
  - 在製作 Blu-ray 光碟、DVD 軟體及/或生產光碟時可能會出現問題和發生錯誤；
  - 本播放機的操作方式與其他標準 DVD 播放機或其他 AV 裝置不同。和/或
  - 出於本使用手冊說明的原因和 SAMSUNG 客戶服務中心發現和公佈的其他原因。
- 如果您遇到光碟相容性或播放機操作問題，請與 SAMSUNG 客戶中心聯絡。
  也可以與 SAMSUNG 客戶中心聯絡以取得本產品的可能更新。
- 有關播放限制以及光碟相容性的其他資訊，請參閱本使用手冊的「預防措施」、「在閱讀使用手冊之前」和「光碟類型和特性」等章節。
- **對於 Blu-ray 光碟播放機前進式掃描輸出**： 消費者應該注意到，並非所有高清晰度電視都與本產品完全相容，可能會導致畫面中顯示偽影。 如果出現逐行掃描畫面問題，建議使用者將連線切換為
  「標準清晰度」輸出。 如果您有關於我們的電視與本產品相容性的問題，請聯絡我們的客戶服務中心。

複製保護

- 因為已核准將 AACS（進階儲存內容系統）用作 Blu-ray 光碟格式的內容保護系統（類似於對 DVD 格式使用 CSS（內容加擾系統）），對受 AACS 保護的內容存在播放、類比信號輸出等特定限制。
  本產品的操作和對本產品的限制可能會因購買時間而異，因為在生產本產品之後，AACS 可能會採用及/或變更這些限制。 此外，BD-ROM 標記和 BD+ 另用作 Blu-ray 光碟格式的內容保護系統，它施加特定限制，包括對 BD-ROM 標記及/或 BD+ 受保護內容的播放限制。 若要取得 AACS、BD-ROM 標記、BD+ 或本產品的相關詳細資訊，請與 SAMSUNG 客戶中心聯絡。
- 許多 Blu-ray/DVD 都進行了編碼以達到複製保護的目的。 因此，僅直接將您的播放機與您的電視相連接，而不要連接到 VCR。 與 VCR 連接將導致受版權保護之 Blu-ray 光碟/DVD 光碟的畫面失真。
- 在美國著作權法和其他國家/地區的著作權法保護下，如果未經授權使用、顯示、散佈或修訂電視節目、錄影帶、Blu-ray 光碟、DVD 和其他材料，則您必須承擔民事及/或刑事責任。
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  Cinavia 技術的詳細資訊在 Cinavia 線上消費者資訊中心中提供，網址為：http://www.cinavia.com。若要透過郵件請求關於 Cinavia 的其他資訊，請將含有您的郵寄地址的明信片寄往： Cinavia Consumer Information Centre, P.O. Box 86851, San Diego, CA,92138, USA。本產品採用 Verance Corporation 許可的專利技術，並且受美國專利 7,369,677 和其他在美國及全球已頒發或正在申請的專利保護，並且此類技術的特定方面受版權和商業機密保護。 Cinavia 是 Verance Corporation 的商標。 禁止還原工程或反向組譯。

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授權

- 在 Dolby Laboratories 的授權下製造。 Dolby 和雙 D 標誌是 Dolby Laboratories 的商標。



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- 開源軟體許可注意事項
  - 使用開源軟體時，產品功能表上會有 開源軟體許可 項目。
- Blu-ray Disc™、Blu-ray™ 和標誌是 Blu-ray Disc Association 的商標。
- DLNA®、DLNA 標誌及 DLNA CERTIFIED® 是 Digital Living Network Alliance 的商標、服務標記或憑證標記。





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